Mazak

ELECTRIC DIAGRAM

SUPER TURBO-
X48/X510/X612MkⅡ/MkⅢ/CP

SERIAL NUMBER:	
MANUAL NO.	DD676007007A
MANUAL NO.	

11.2009

ELEMENTARY DIAGRAM LIST

SET No. : DD 676 007 007

DATE : Aug.19.2009
FOR : Japan,Export,CE

Approved by	Checked by	Drawn by
オプト制御G 飯領田 '09.08.31 H.Iryoda	オプト制御 岡嶋 '09.08.26 M.Okajima	オプト制御G 技術 '09.08.19 山崎 S.Yamasaki

No.	ITEM	SPECIFICATION
1	MACHINE TYPE	ST-X48/510/612Mk2,ST-X48/510Champion
2	MACHINE No.	676/677/678,623/624
3	CNC TYPE	MAZATROL PREVIEW
4	LASER TYPE	MATSUSHITA TYPE8 :1.3/1.5/1.8/2.5/4KW
5	PLC ROM No.	DS 676 LT25 **
6		

Remarks
DD 676 007 006 EXCEPT "○" MARK
Option

	No.	DRAWING No.	TITLE
	1	676 007 1001 0,0	INSTALL EXPLAIN
	2	676 007 1101 0,0	BLOCK DIAGRAM
	3	676 007 1201 0,0	M CODE LIST
	4	676 007 3001 0,0	MACHINE COMPORNENTS LAYOUT(1)
	5	676 007 3002 0,0	MACHINE COMPORNENTS LAYOUT(2)
	6	676 007 3003 0,0	MACHINE COMPORNENTS LAYOUT(3)
	7	676 007 3004 1,0	MACHINE COMPORNENTS LAYOUT(4)
	8	676 007 3005 0,0	MACHINE COMPORNENTS LAYOUT(5)
	9	676 007 3006 0,0	MACHINE COMPORNENTS LAYOUT(6)
	10	676 007 3007 0,0	MACHINE COMPORNENTS LAYOUT(7)
	11	676 007 3008 0,0	MACHINE COMPORNENTS LAYOUT(8)
	12	676 007 3009 0,0	MACHINE COMPORNENTS LAYOUT(9)
○	13	676 007 3010 1,0	MACHINE COMPORNENTS LAYOUT(10)
	14	676 007 5001 2,0	CABINET LAYOUT
	15	676 007 5002 2,0	CABINET INLET LAYOUT
	16	676 007 5003 0,0	I/O PANEL LAYOUT
	17	676 007 5005 2,0	CB PANEL LAYOUT
	18	676 007 5006 1,0	NC,TB PANEL LAYOUT
○	19	676 007 5007 4,0	TERMINAL BLOCK LAYOUT
○	20	676 007 5007 1,1	TERMINAL BLOCK LAYOUT (2)
	21	676 007 5008 0,0	CONNECTOR BRAKET LAYOUT
	22	676 007 5010 0,0	TU(A11),STU(A12) LAYOUT
	23	676 007 5011 0,0	TU(A11) CONNECTOR TABLE (1)
	24	676 007 5012 0,0	TU(A11) CONNECTOR TABLE (2)
	25	676 007 5013 0,0	TU(A11) CONNECTOR TABLE (3)
	26	676 007 5014 0,0	STU(A12) CONNECTOR TABLE
	27	676 007 5020 0,0	SSR BOARD(A13) LAYOUT
	28	676 007 5025 1,0	OPU-100(A14) LAYOUT (OPTION)
	29	676 007 5030 0,0	SAFTY MODULE LAYOUT
	30	676 007 5035 0,0	Mazak IHC NEKUST ESI UNIT LAYOUT
	31	676 007 5050 2,0	NC(A1) LAYOUT
	32	676 007 5051 1,0	NC(A1) CONNECTOR TABLE (1)
	33	676 007 5052 0,0	NC(A1) CONNECTOR TABLE (2)
	34	676 007 5053 0,0	NC(A1) CONNECTOR TABLE (3)
	35	676 007 5054 0,0	NC(A1) CONNECTOR TABLE (4)
	36	676 007 5060 1,0	SERVO AMP LAYOUT
	37	676 007 5061 0,0	SERVO AMP CONNECTOR TABLE
	38	676 007 5070 0,0	NC OPERATING PANEL LAYOUT (1)
	39	676 007 5072 0,0	NC OPERATING PANEL LAYOUT (3)
	40	676 007 5073 0,0	NC OPERATING PANEL CONNECTOR TABLE
	41	676 007 5075 0,0	OPERATING PANEL LAYOUT
	42	676 007 4001 1,0	MAIN POWER (1)
	43	676 007 4003 0,0	MAIN POWER (2)
	44	676 007 4005 1,0	CONTROL AC100V
	45	676 007 4007 0,0	DC POWER SUPPLY

ELEMENTARY DIAGRAM LIST

SET No. : DD 676 007 007

No.	DRAWING No.	TITLE
46	676 007 4010 0,0	AC100V CIRCUIT
47	676 007 4012 0,0	WORK LIGHT
48	676 007 4013 0,0	SIGNAL LIGHT
49	676 007 4014 0,0	CHIP CONVEYER
50	676 007 4015 0,0	LUBRICATOR (OPTION)
51	676 007 4016 0,0	EXHAUST UNIT
52	676 007 4020 0,0	NC POWER UNIT
53	676 007 4021 0,0	NC OPERATING PANEL INTERFACE
54	676 007 4022 0,0	USB INTERFACE
55	676 007 4025 0,0	NC OPERATING SWITCH (1)
56	676 007 4026 0,0	NC OPERATING SWITCH (2)
57	676 007 4027 0,0	NC OPERATING SWITCH (3)
58	676 007 4028 0,0	NC OPERATING SWITCH (4)
59	676 007 4029 0,0	NC OPERATING SWITCH (5)
60	676 007 4031 0,0	DNC INTERFACE (OPTION)
61	676 007 4035 0,0	Mazak IHC NEKUST ESI
62	676 007 4040 0,0	SERVO AMP POWER CONNECTION
63	676 007 4045 0,0	X AXIS SERVO AMP
64	676 007 4046 0,0	Y AXIS SERVO AMP
65	676 007 4047 0,0	Z AXIS SERVO AMP
66	676 007 4048 0,0	W AXIS SERVO AMP
67	676 007 4050 0,0	X AXIS SERVO MOTOR
68	676 007 4051 0,0	Y AXIS SERVO MOTOR
69	676 007 4052 0,0	Z AXIS SERVO MOTOR
70	676 007 4053 1,0	W AXIS SERVO MOTOR
71	676 007 4060 0,0	POWER ON
72	676 007 4061 0,0	INTERLOCK
73	676 007 4065 0,0	AXIS LS
74	676 007 4070 0,0	EMERGENCY STOP (1)
75	676 007 4071 1,0	EMERGENCY STOP (2)
76	676 007 4080 1,0	LASER UNIT (1)
77	676 007 4081 0,0	LASER UNIT (2)
78	676 007 4082 0,0	LASER UNIT (3)
79	676 007 4083 0,0	LASER UNIT (4)
80	676 007 4090 0,0	CHILLER UNIT
81	676 007 4096 0,0	CHILLER INTERFACE
82	676 007 4100 0,0	DRY AIR
83	676 007 4101 0,0	ASSIST GAS (1)
84	676 007 4102 0,0	ASSIST GAS (2)
85	676 007 4105 1,0	ASSIST GAS REGULATOR
86	676 007 4111 1,0	TRACER
87	676 007 4113 0,0	POTENTIOMETER TRACER
88	676 007 4115 0,0	NON CONTACT TRACER
89	676 007 4116 0,0	LHC2004
90	676 007 4130 0,0	WORK CLAMP
91	676 007 4132 0,0	WORK CLAMP SENSOR (OPTION)
92	676 007 4133 0,0	WORK ON SENSOR (OPTION)
93	676 007 4135 0,0	WORK LIFTER
94	676 007 4136 0,0	612 WORK LIFTER (OPTION)
95	676 007 4140 0,0	PROGRAMMABLE FOCUS (OPTION)
96	676 007 4150 0,0	SIDE BLOW (OPTION)
97	676 007 4160 0,0	LIGHT BARRIER
98	676 007 4170 0,0	MACHINE COVER
99	676 007 4180 0,0	SLIDE COVER (OPTION)
100	676 007 4185 0,0	SETUP

ELEMENTARY DIAGRAM LIST

SET No. : DD 676 007 007

	No.	DRAWING No.	TITLE
	101	676 007 4186 0,0	CE COVER INTERLOCK
	102	676 007 4190 0,0	FIXED COVER (OPTION)
	103	676 007 4195 0,0	PALLET COVER (OPTION)
○	104	676 007 4211 1,0	INTELLIGENT CONTROL (1)
	105	676 007 4212 0,0	INTELLIGENT CONTROL (2)
	106	676 007 4213 0,0	INTELLIGENT CONTROL (3)
○	107	676 007 4221 1,0	BURNING SENSOR
	108	676 007 4291 0,0	EXTERNAL SIGNAL (OPTION)
	109	676 007 4300 0,0	PALLET CLAMP (OPTION)
	110	676 007 4310 0,0	PALLET INTERFACE (1) (OPTION)
	111	676 007 4311 0,0	PALLET INTERFACE (2) (OPTION)
	112	676 007 4312 0,0	PALLET INTERFACE (3) (OPTION)
	113	676 007 4313 0,0	PALLET INTERFACE (4) (OPTION)
	114	676 007 4314 0,0	PALLET INTERFACE (5) (OPTION)
	115	676 007 4701 2,0	PC INPUT SPARE
	116	676 007 4702 2,0	PC OUTPUT SPARE
	117	676 007 4705 1,0	AC SPARE
	118	676 007 4706 0,0	TU SPARE
	119	676 007 4707 0,0	OPERATING PANEL SPARE
	120	676 007 3011 1,0	CONTROL CABINET (1)
	121	676 007 3012 1,0	CONTROL CABINET (2)
	122	676 007 3013 2,0	CONTROL CABINET (3)
○	123	676 007 3014 1,0	CONTROL CABINET (4)
	124	676 007 3015 0,0	CONTROL CABINET (5)
	125	676 007 3016 1,0	AUX.TRANS BOX
	126	676 007 3017 1,0	AUX.TRANS BOX (FOR CE)
	127	676 007 3031 0,0	XT31 (1)
	128	676 007 3032 0,0	XT31 (2)
	129	676 007 3033 0,0	XT31 (3)
	130	676 007 3034 0,0	XT31 (4)
○	131	676 007 3037 1,0	XT32
	132	676 007 3051 0,0	XT51
○	133	676 007 3055 1,0	T-BOX
	134	676 007 3071 0,0	XT71 (1)
	135	676 007 3072 2,0	XT71 (2)
	136	676 007 5101 1,0	POWER CIRCUIT CONNECTION
	137	676 007 5110 1,0	CABINET CABLE CONNECTION (1)
	138	676 007 5111 0,0	CABINET CABLE CONNECTION (2)
	139	676 007 5112 1,0	CABINET CABLE CONNECTION (3)
	140	676 007 5115 0,0	NOIZE MEASURES
	141	676 007 3601 0,0	PALLET CHANGER (OPTION) COMPORNENTS LAYOUT(1)
	142	676 007 3602 0,0	PALLET CHANGER (OPTION) COMPORNENTS LAYOUT(2)
	143	676 007 5601 1,0	PALLET CHANGER (OPTION) BOX LAYOUT
	144	676 007 5602 0,0	PALLET CHANGER (OPTION) CONNECTOR BRAKET LAYOUT
	145	676 007 4601 1,0	PALLET CHANGER (OPTION) POWER CIRCUIT
	146	676 007 4610 0,0	PALLET CHANGER (OPTION) SERVO PACK
	147	676 007 4611 0,0	PALLET CHANGER (OPTION) UP/DOWN MOTOR 1
	148	676 007 4612 0,0	PALLET CHANGER (OPTION) UP/DOWN MOTOR 2
	149	676 007 4613 0,0	PALLET CHANGER (OPTION) UP/DOWN MOTOR 3
	150	676 007 4614 0,0	PALLET CHANGER (OPTION) UP/DOWN MOTOR 4
	151	676 007 4615 0,0	PALLET CHANGER (OPTION) FWD/REV MOTOR
	152	676 007 4620 0,0	PALLET CHANGER (OPTION) SERVO READY & ALARM
	153	676 007 4631 0,0	PALLET CHANGER (OPTION) SERVO PACK 1
	154	676 007 4632 0,0	PALLET CHANGER (OPTION) SERVO PACK 2
	155	676 007 4633 0,0	PALLET CHANGER (OPTION) SERVO PACK 3

ELEMENTARY DIAGRAM LIST

SET No. : DD 676 007 007

	No.	DRAWING No.	TITLE
	156	676 007 4634 0,0	PALLET CHANGER (OPTION) SERVO PACK 4
	157	676 007 4635 0,0	PALLET CHANGER (OPTION) SERVO PACK 5
	158	676 007 4640 0,0	PALLET CHANGER (OPTION) OPERATING PANEL (1)
	159	676 007 4641 0,0	PALLET CHANGER (OPTION) OPERATING PANEL (2)
	160	676 007 4650 0,0	PALLET CHANGER (OPTION) WORK CLAMP
	161	676 007 4651 0,0	PALLET CHANGER (OPTION) PALLET CLAMP
	162	676 007 4652 0,0	PALLET CHANGER (OPTION) PALLET SENSOR
	163	676 007 4660 0,0	PALLET CHANGER (OPTION) LIGHT BARRIER
	164	676 007 4690 0,0	PALLET CHANGER (OPTION) LOADER INTERFACE
	165	676 007 4695 0,0	PALLET CHANGER (OPTION) SPARE
	166	676 007 3611 0,0	PALLET CHANGER (OPTION) PALLET BOX (1)
	167	676 007 3612 0,0	PALLET CHANGER (OPTION) PALLET BOX (2)
	168	676 007 3613 0,0	PALLET CHANGER (OPTION) PALLET BOX (3)
	169	676 007 3615 0,0	PALLET CHANGER (OPTION) XT63
	170	676 007 3617 0,0	PALLET CHANGER (OPTION) OPERATING PANEL LAYOUT
	171	676 007 5611 0,0	PALLET CHANGER (OPTION) PALLET BOX CONNECTION
	172	676 007 1301 3,0	PARTS LIST DIRECTORY (Mk2 JAPAN)
	173	676 007 1302 3,0	PARTS LIST DIRECTORY (Mk2 EXPORT)
	174	676 007 1303 3,0	PARTS LIST DIRECTORY (Mk2 CE)
	175	676 007 1304 3,0	PARTS LIST DIRECTORY (Champion)
	176	676 007 1311 2,0	CABINET (1)
	177	676 007 1312 1,0	CABINET (2)
○	178	676 007 1313 5,0	CABINET (3)
	179	676 007 1317 0,0	OPERATING PANEL
	180	676 007 1318 0,0	LASER (1)
	181	676 007 1318 0,1	LASER (2)
	182	676 007 1320 2,0	OUTSIDE CABLE (48)
	183	676 007 1323 2,0	OUTSIDE CABLE (510)
	184	676 007 1326 2,0	OUTSIDE CABLE (612)
○	185	676 007 1330 1,0	TERMINAL BOX
	186	676 007 1340 0,0	TRANS BOX (1)
	187	676 007 1341 1,0	TRANS BOX (2)
	188	676 007 1342 1,0	TRANS BOX (3)
	189	676 007 1345 0,0	CHILLER
	190	676 007 1348 0,0	LUBRICATOR (OPTION)
	191	676 007 1350 0,0	ASSIST GAS (OPTION)
	192	676 007 1352 0,0	EXHAUST UNIT (OPTION)
	193	676 007 1354 1,0	TRACER (OPTION)
	194	676 007 1360 0,0	LOADER SENSOR (OPTION)
	195	676 007 1362 0,0	AUTO & ALARM POWER OFF (OPTION)
	196	676 007 1364 2,0	PROGRAMMABLE FOCUS
	197	676 007 1368 0,0	SIDE BLOW (OPTION)
	198	676 007 1370 0,0	THREE SIGNAL LIGHT (OPTION)
	199	676 007 1372 0,0	LEAKAGE BREAKER (OPTION)
	200	676 007 1376 0,0	WORK LIFTER & WORK CLAMP (OPTION)
	201	676 007 1378 0,0	LIGHT BARRIER (OPTION)
	202	676 007 1380 0,0	ENCLOSURE COVER (1) (OPTION)
	203	676 007 1381 0,0	ENCLOSURE COVER (2) (OPTION)
○	204	676 007 1386 1,0	INTELLIGENT
	205	676 007 1390 0,0	PALLET CHANGER (1) (OPTION)
○	206	676 007 1391 1,0	PALLET CHANGER (2) (OPTION)
	207	676 007 1392 0,0	PALLET CHANGER (3) (OPTION)
	208		
	209		
	210		

JAPAN/EXPORT ONLY

MAIN VOLTAGE 電源電圧 [V]		200	210	220	230	240	380	400	415	440	460	480
FREQUENCY 周波数 [Hz]		50/60										
TOTAL POWER REQUIREMENTS 総電源容量 [KVA]	1.3/1.5/1.8KW	35.1										
	2.5KW	58.9										
	4.0KW	82.7										
TOTAL RATED CONSUMPTION 総消費電力 [KW]	1.3/1.5/1.8KW	26.9										
	2.5KW	45										
	4.0KW	63.3										
TOTAL RATED CURRENT 総定格電流 [A]	1.3/1.5/1.8KW	101	97	92	88	85	53	51	49	46	44	42
	2.5KW	170	162	155	148	142	90	85	82	77	74	71
	4.0KW	239	228	217	208	199	126	120	115	109	104	100
MAX. INPUT FUSE ﾋｭｰｽﾞ最大値 [A]	1.3/1.5/1.8KW	125										
	2.5KW	200										
	4.0KW	250										
RECOMMENDED CROSS SECTION 電源線の太さ [mm2] ( ):PROTECTIVE EARTH ｱｰｽ線	1.3/1.5/1.8KW	50mm2(30mm2)					14mm2(14mm2)					
	2.5KW	100mm2(50mm2)					38mm2(22mm2)					
	4.0KW	200mm2(100mm2)					60mm2(30mm2)					
MIN. RATED FAULT CURRENT OF CIRCUIT BREAKER WITH EARTH LEAKAGE PROTECTION 漏電ﾌﾞﾚｰｶ定格感度電流の最小値 [mA]		500										

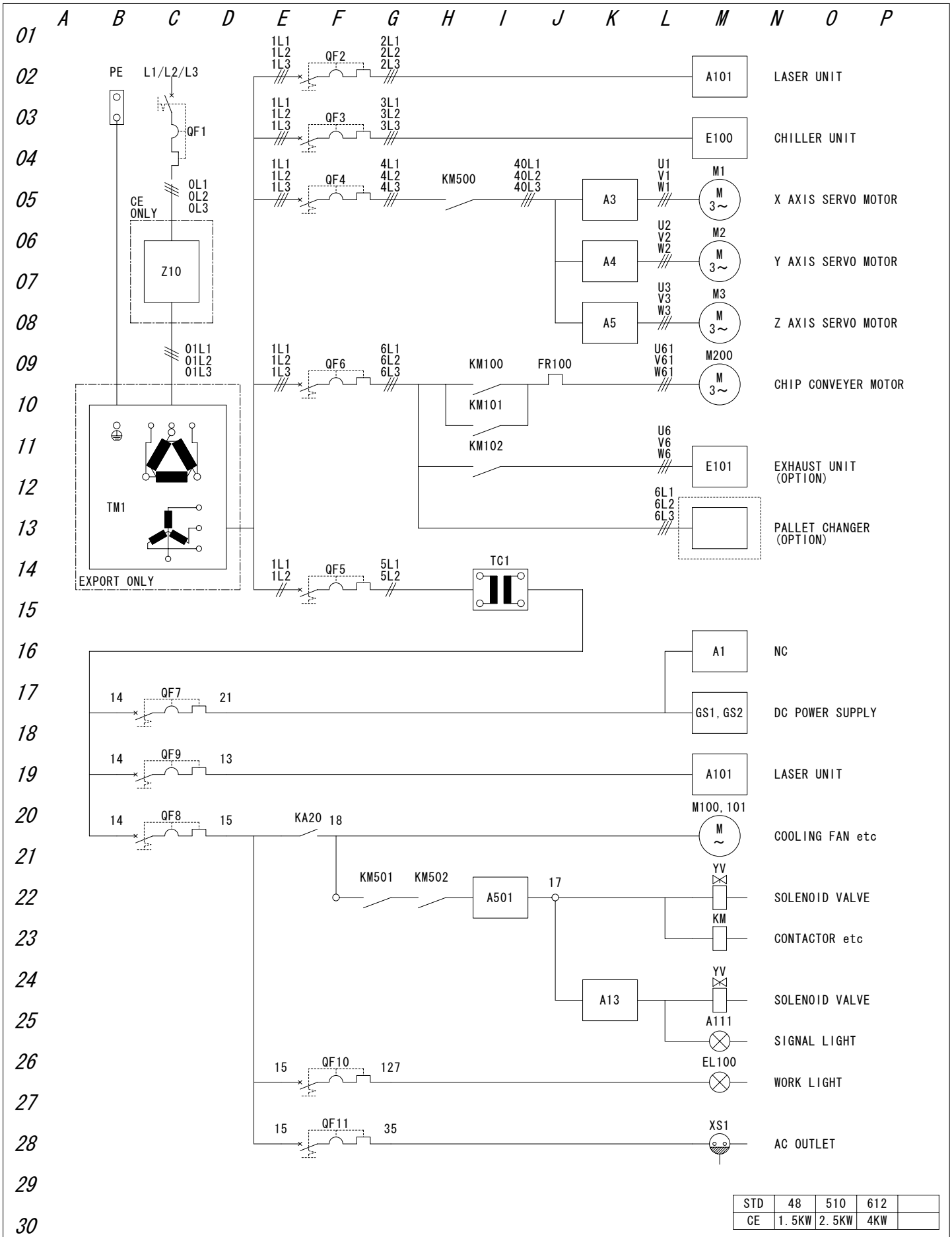
CE ONLY

MAIN VOLTAGE 電源電圧 [V]		380	400	415
FREQUENCY 周波数 [Hz]		50/60		
TOTAL POWER REQUIREMENTS 総電源容量 [KVA]	1.3/1.5/1.8KW	35.1		
	2.5KW	58.9		
	4.0KW	82.7		
TOTAL RATED CONSUMPTION 総消費電力 [KW]	1.3/1.5/1.8KW	26.9		
	2.5KW	45		
	4.0KW	63.3		
TOTAL RATED CURRENT 総定格電流 [A]	1.3/1.5/1.8KW	53	51	49
	2.5KW	90	85	82
	4.0KW	126	120	115
MAX. INPUT FUSE ﾋｭｰｽﾞ最大値 [A]	1.3/1.5/1.8KW	75		
	2.5KW	125		
	4.0KW	150		
RECOMMENDED CROSS SECTION 電源線の太さ [mm2] ( ):PROTECTIVE EARTH ｱｰｽ線	1.3/1.5/1.8KW	14mm2(14mm2)		
	2.5KW	38mm2(22mm2)		
	4.0KW	60mm2(30mm2)		
MIN. RATED FAULT CURRENT OF CIRCUIT BREAKER WITH EARTH LEAKAGE PROTECTION 漏電ﾌﾞﾚｰｶ定格感度電流の最小値 [mA]		500		

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	INSTALL EXPLAIN
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 10010.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	BLOCK DIAGRAM
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 11010.0

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A B C D E F G H I J K L M N O P

M CODE LIST

	COMMENT	REMARK		COMMENT	REMARK		COMMENT	REMARK
M00	PROGRAM STOP		M50	ASSIST GAS O2 HIGH		M100		
M01	OPTIONAL STOP		M51	ASSIST GAS O2 LOW		M101		
M02	PROGRAM END		M52	ASSIST GAS AIR HIGH		M102		
M03			M53	ASSIST GAS AIR LOW		M103		
M04			M54	ASSIST GAS 3rd HIGH		M104		
M05			M55	ASSIST GAS 3rd LOW		M105		
M06			M56	ASSIST GAS O2 SELECT		M106		
M07			M57	ASSIST GAS AIR SELECT		M107		
M08			M58	ASSIST GAS 3rd SELECT		M108		
M09	ASSIST GAS STOP		M59			M109		
M10			M60	SIDE AIR BLOW ON	OPTION	M110		
M11			M61	SIDE AIR BLOW OFF	OPTION	M111		
M12	NIBLLING MODE ON	PRESS	M62			M112		
M13	NIBLLING MODE OFF	PRESS	M63	ASSIST GAS 3rd MODE	OPTION	M113		
M14			M64	ASSIST GAS 4th MODE	OPTION	M114		
M15			M65	OIL MIST OFF	OPTION	M115		
M16			M66	OIL MIST ON	OPTION	M116		
M17			M67			M117		
M18			M68			M118		
M19			M69			M119		
M20	LASER SHUTTER OPEN		M70	PALLET CHANGE	OPTION	M120		
M21	LASER SHUTTER CLOSE		M71			M121		
M22	LASER DISCHARGE ON		M72			M122		
M23	LASER DISCHARGE OFF		M73			M123		
M24			M74			M124		
M25			M75			M125		
M26			M76			M126		
M27			M77	SPARE M CODE	OPTION	M127		
M28			M78	SPARE M CODE	OPTION	M128		
M29			M79	SPARE M CODE	OPTION	M129		
M30	PROGRAM RESET & REWIND		M80			M130	LENS UNCLAMP	OPTION
M31	AUTO GAP CONTROL OFF		M81	LOADER LOAD	OPTION	M131	LENS CLAMP	OPTION
M32	AUTO GAP CONTROL ON		M82	LOADER UNLOAD	OPTION	M132	LENS DOWN ON	OPTION
M33	Z AXIS POSITIONING		M83	LOADER UNLOAD & LOAD	OPTION	M133	LENS DOWN OFF	OPTION
M34	STYLUS DOWN		M84	LOADER SETTING	OPTION	M134		
M35	M32+M22	PRESS	M85	LOADER SPARE M CODE	OPTION	M135		
M36	M31+M23+M09	PRESS	M86	LOADER SPARE M CODE	OPTION	M136		
M37	M32,M35->M33	PRESS	M87			M137		
M38	NEGLECT M32,M33,M35	PRESS	M88	SLIDE COVER OPEN	OPTION	M138		
M39	M37,M38 CANCEL	PRESS	M89	SLIDE COVER CLOSE	OPTION	M139		
M40	NEGLECT M31	PRESS	M90			M140		
M41	M40 CANCEL	PRESS	M91			M141		
M42	M43 CANCEL	PRESS	M92			M142		
M43	NEGLECT Z AXIS UP/DOWN	PRESS	M93			M143		
M44	APPROACH XY->Z	PRESS	M94			M144		
M45	APPROACH XYZ	PRESS	M95			M145		
M46			M96			M146		
M47			M97			M147		
M48			M98	SUB.PROGRAM CALL		M148		
M49			M99	SUB.PROGRAM RETURN		M149		

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	M CODE LIST
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 12010.0

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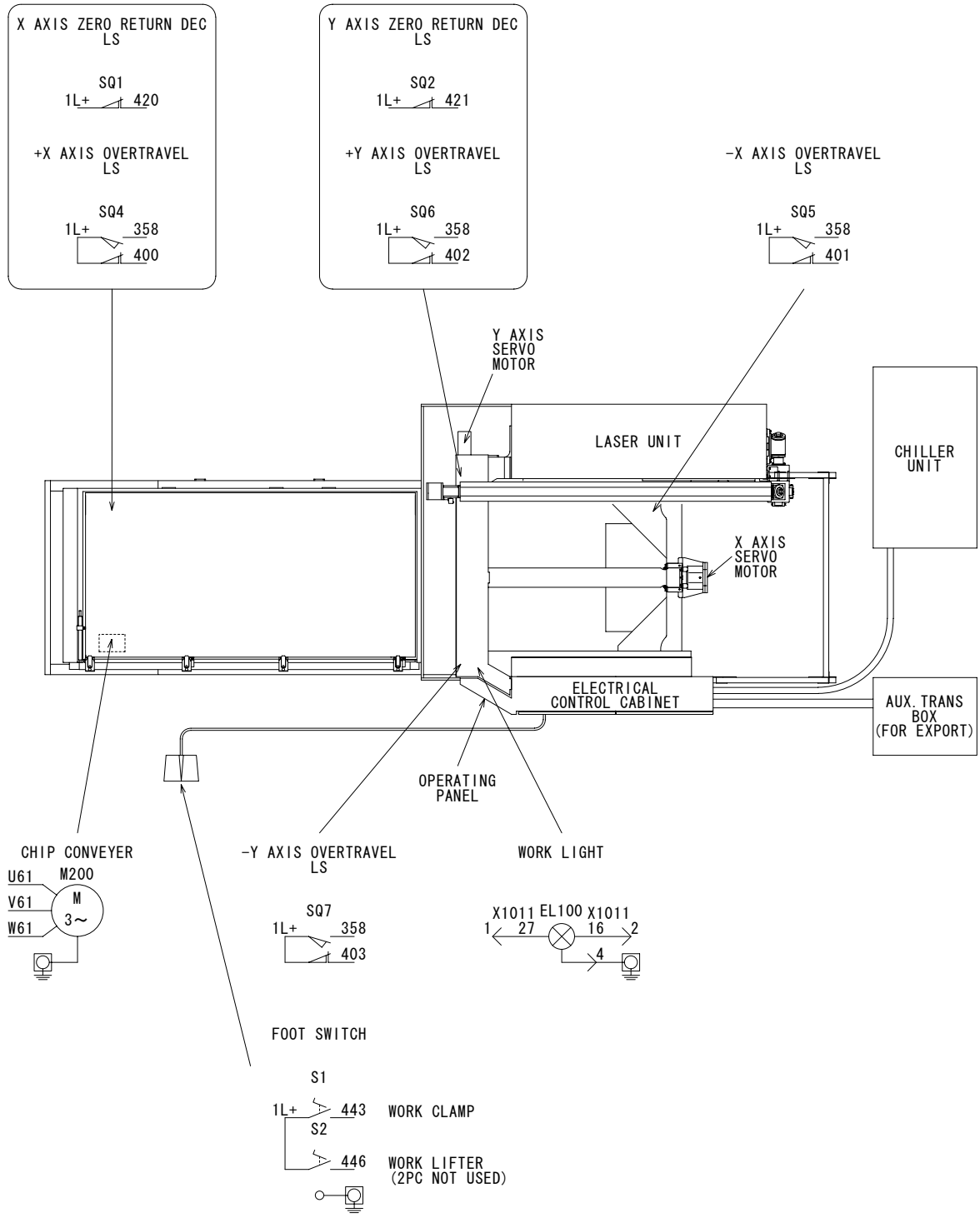

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤	08/03/14	08/03/14	08/03/14	MACHINE COMPORNENTS LAYOUT (1)
④				
③	H Iryoda	M.Okajima	M.Okajima	
②				DRWN NO. 676 007 30010.0
①				

Mazak
YAMAZAKI MAZAK CORPORATION

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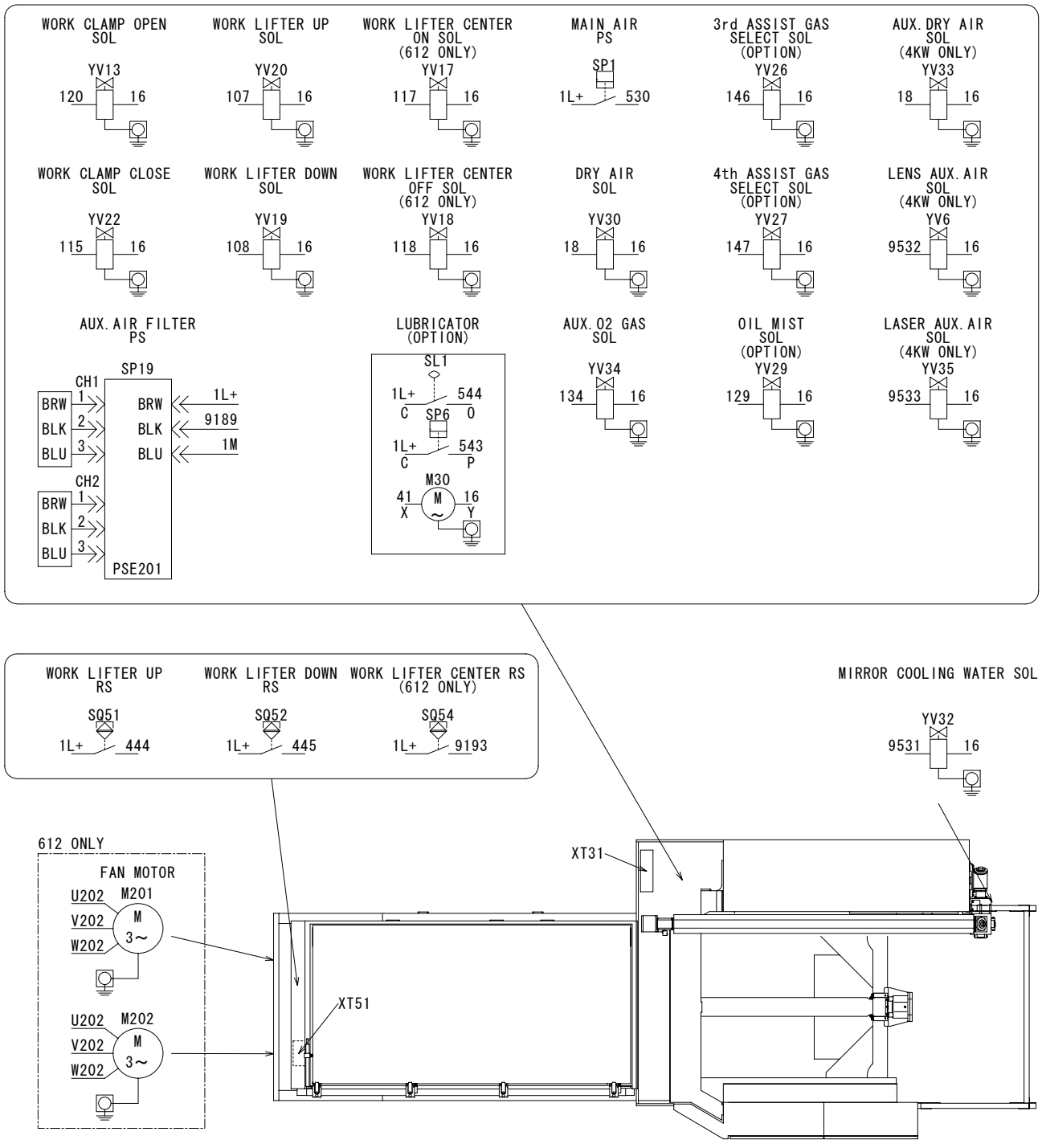

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	MACHINE COMPORNENTS LAYOUT (2)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30020.0

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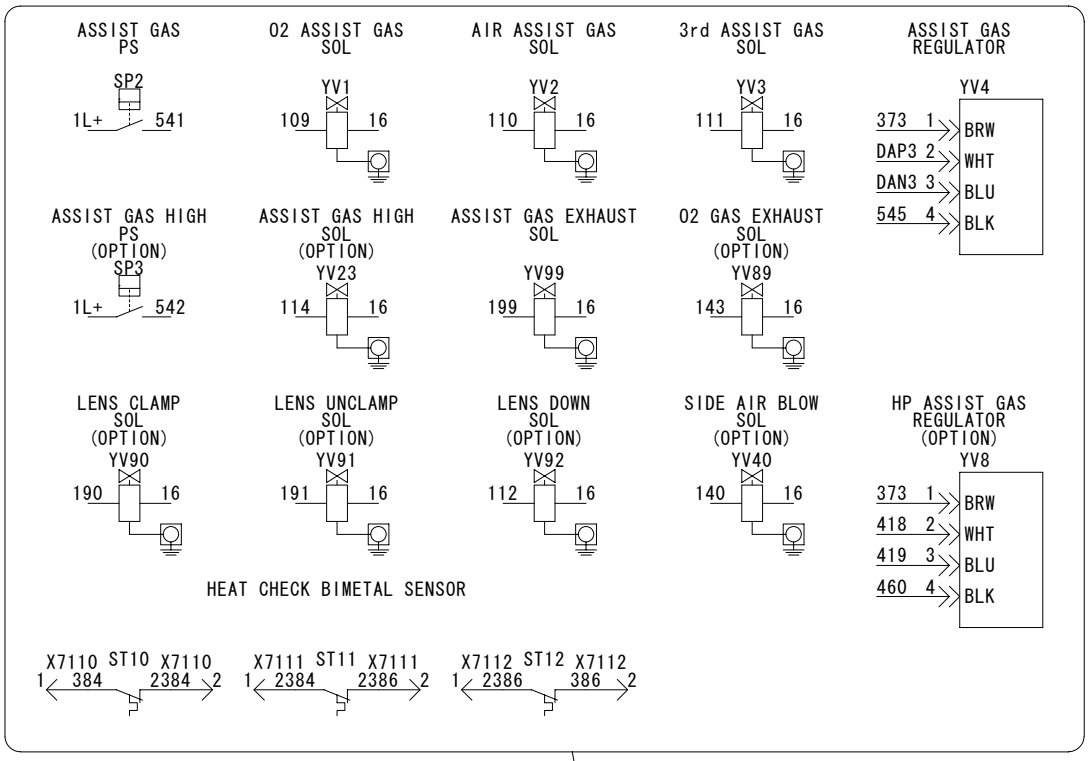

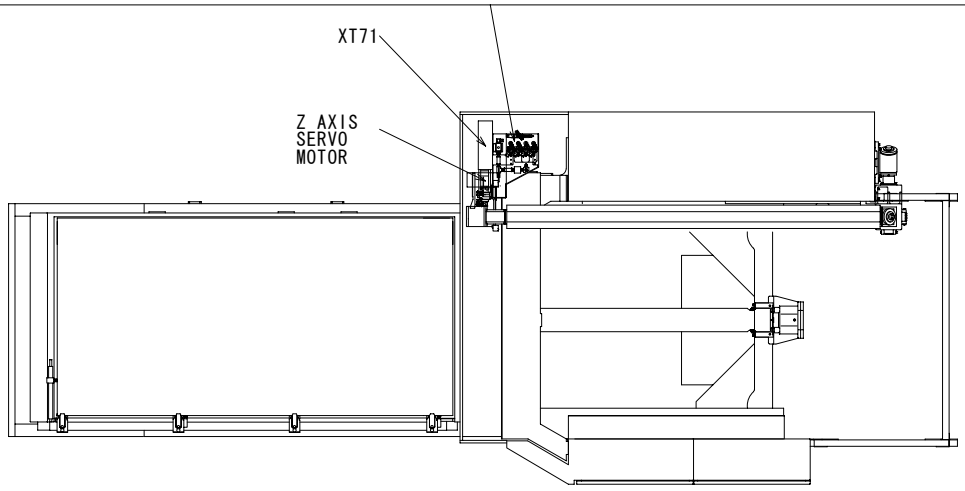

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	MACHINE COMPORNENTS LAYOUT (3)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30030.0

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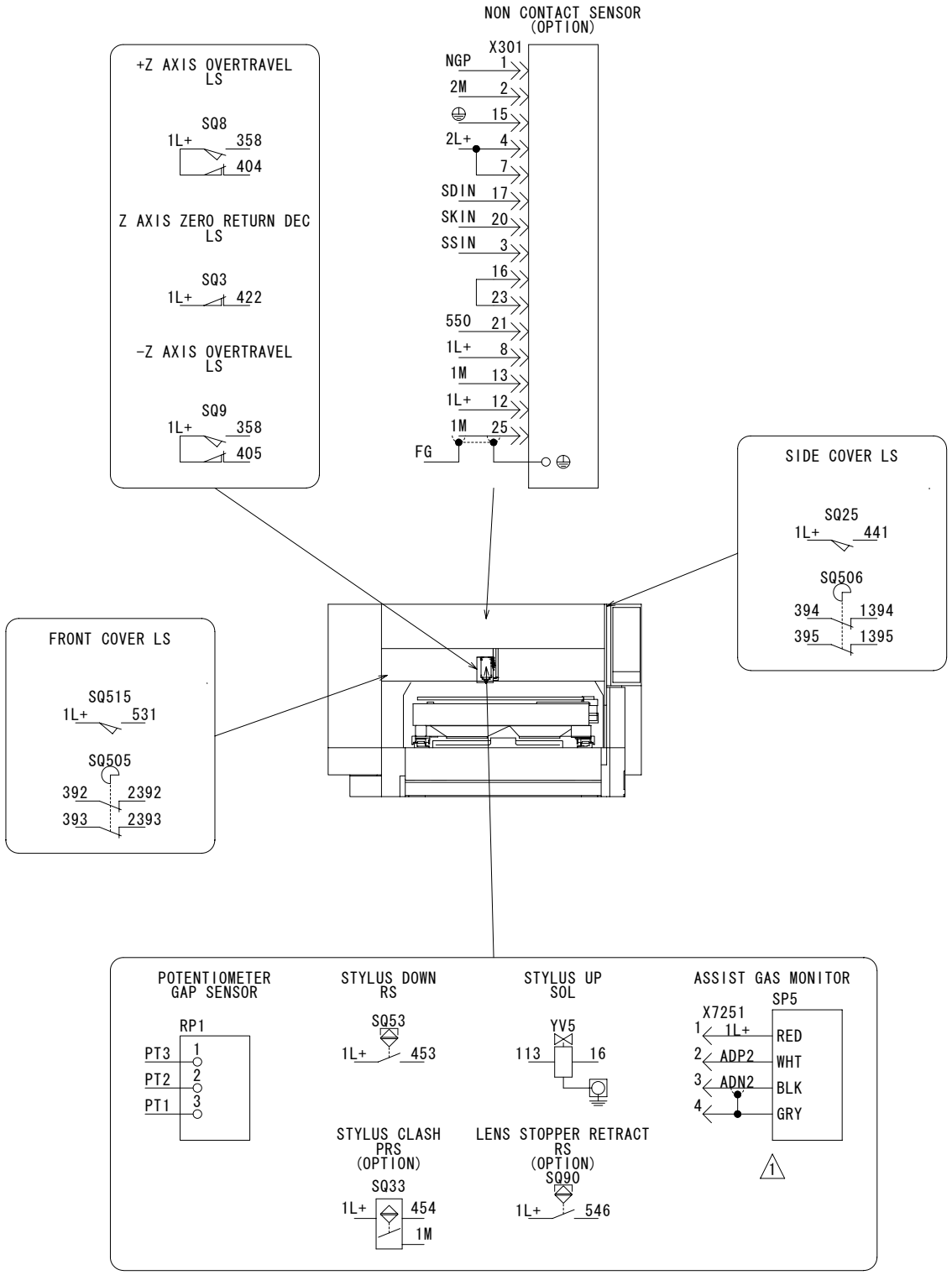

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	MACHINE COMPORNENTS LAYOUT (4)
Edition Apr.02.'09 M.Okajima	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30041.0

YAMAZAKI MAZAK CORPORATION

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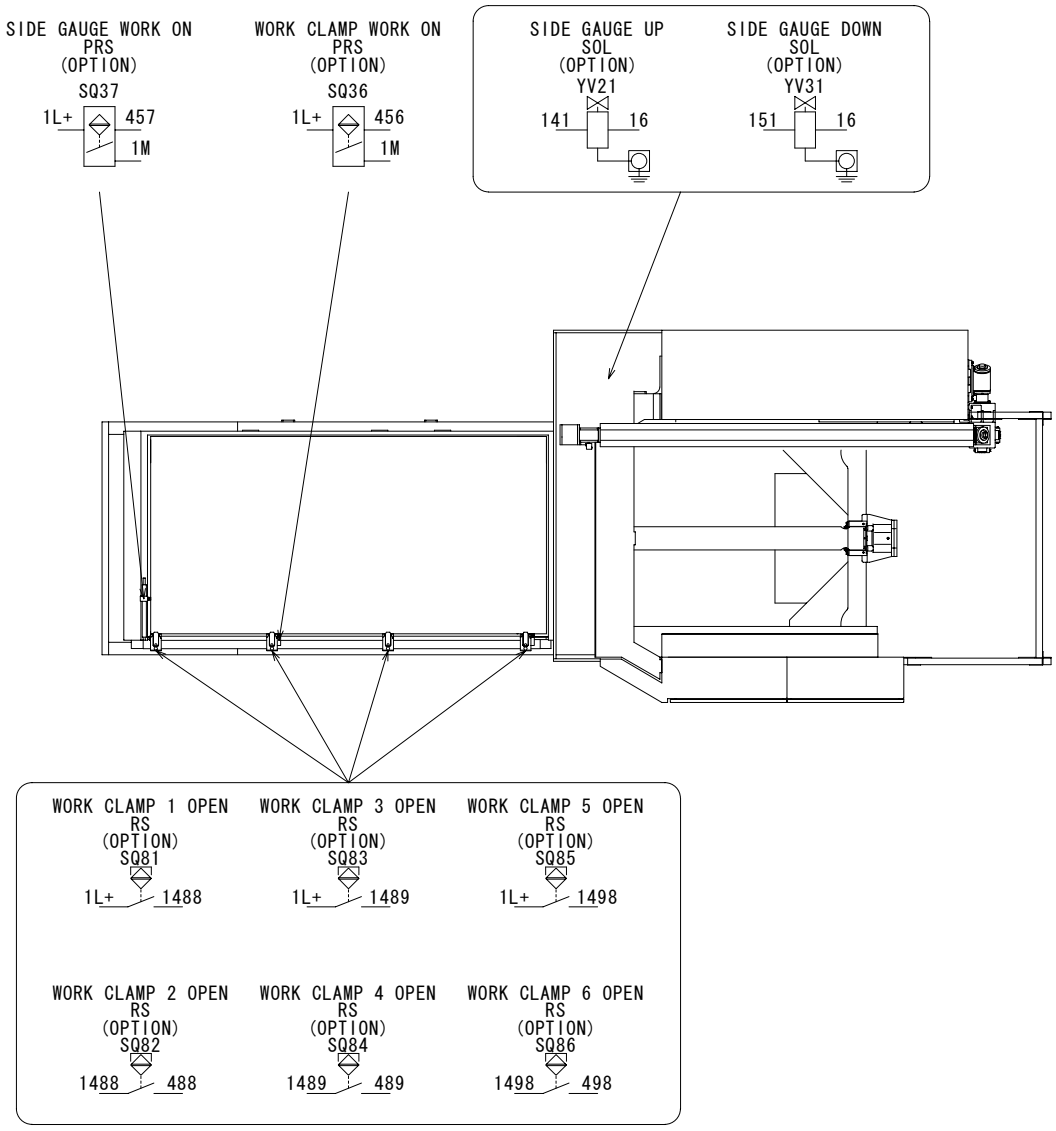

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	MACHINE COMPORNENTS LAYOUT (5)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30050.0

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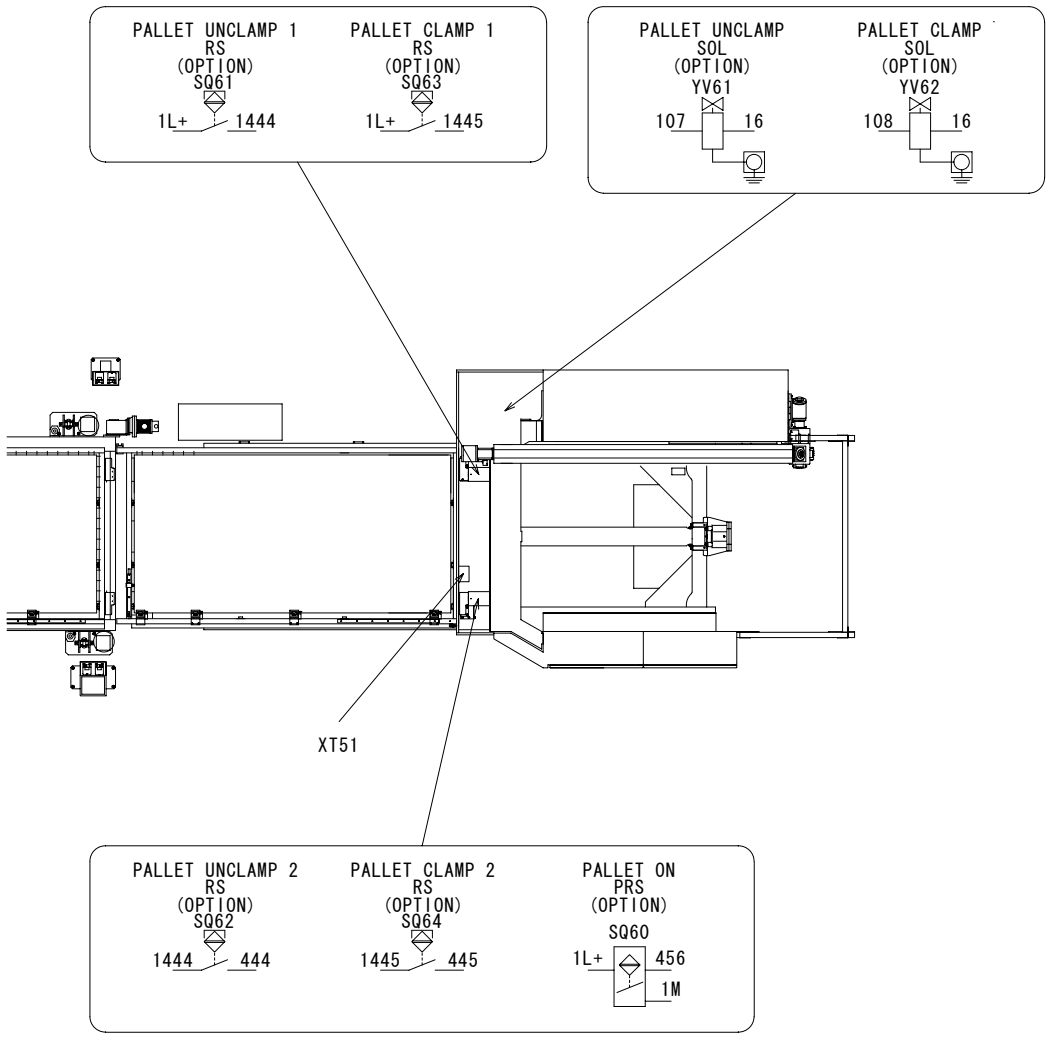

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	MACHINE COMPORNENTS LAYOUT (6)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30060.0

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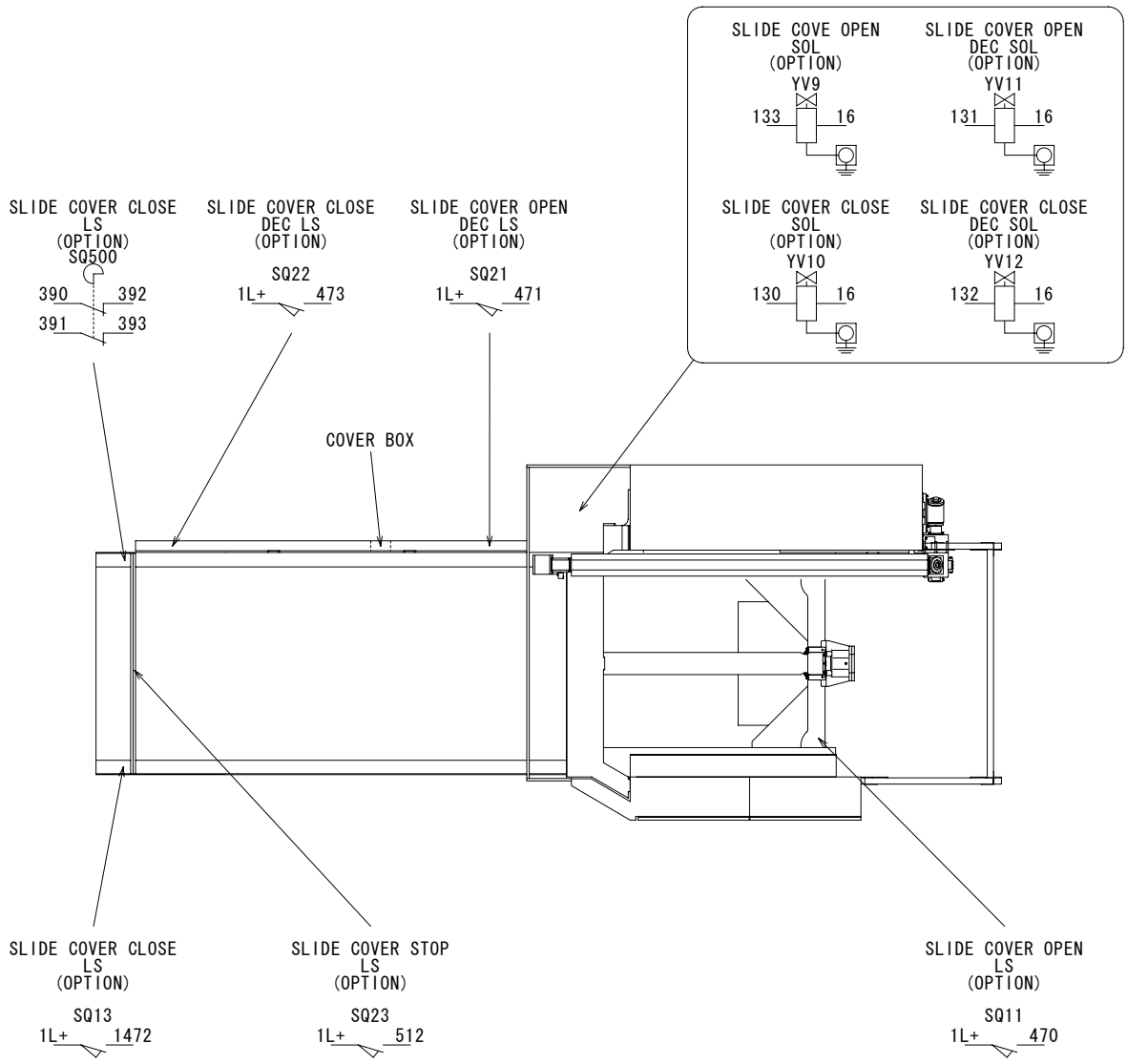
SLIDE COVE OPEN SOL (OPTION) YV9 133 16
SLIDE COVER OPEN DEC SOL (OPTION) YV11 131 16
SLIDE COVER CLOSE SOL (OPTION) YV10 130 16
SLIDE COVER CLOSE DEC SOL (OPTION) YV12 132 16
SLIDE COVER CLOSE LS (OPTION) SQ500 390 392 391 393
SLIDE COVER CLOSE DEC LS (OPTION) SQ22 1L+ 473
SLIDE COVER OPEN DEC LS (OPTION) SQ21 1L+ 471
COVER BOX
SLIDE COVER CLOSE LS (OPTION) SQ13 1L+ 1472
SLIDE COVER STOP LS (OPTION) SQ23 1L+ 512
SLIDE COVER OPEN LS (OPTION) SQ11 1L+ 470

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	MACHINE COMPORNENTS LAYOUT (7)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30070.0

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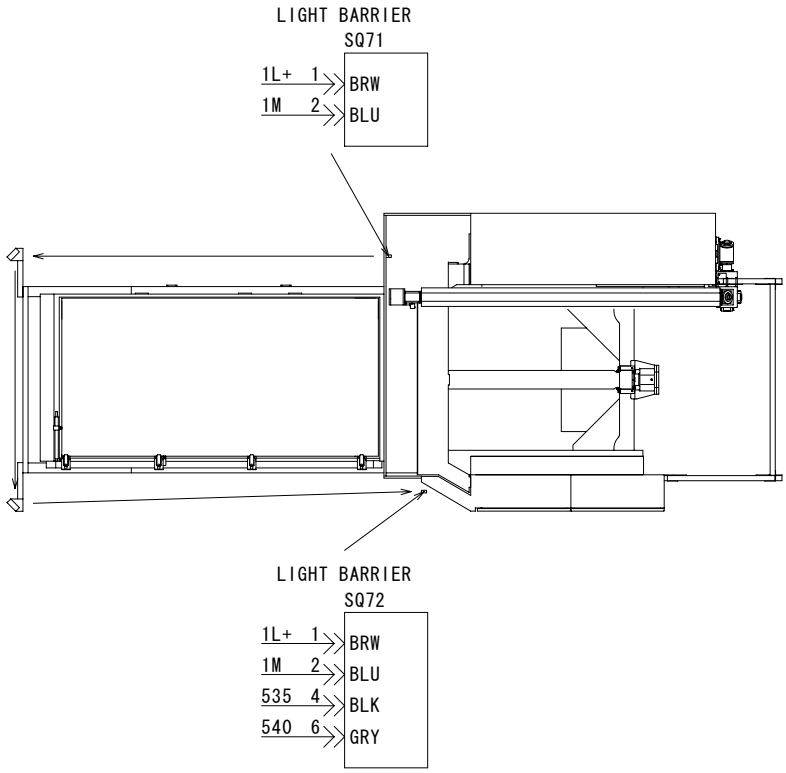
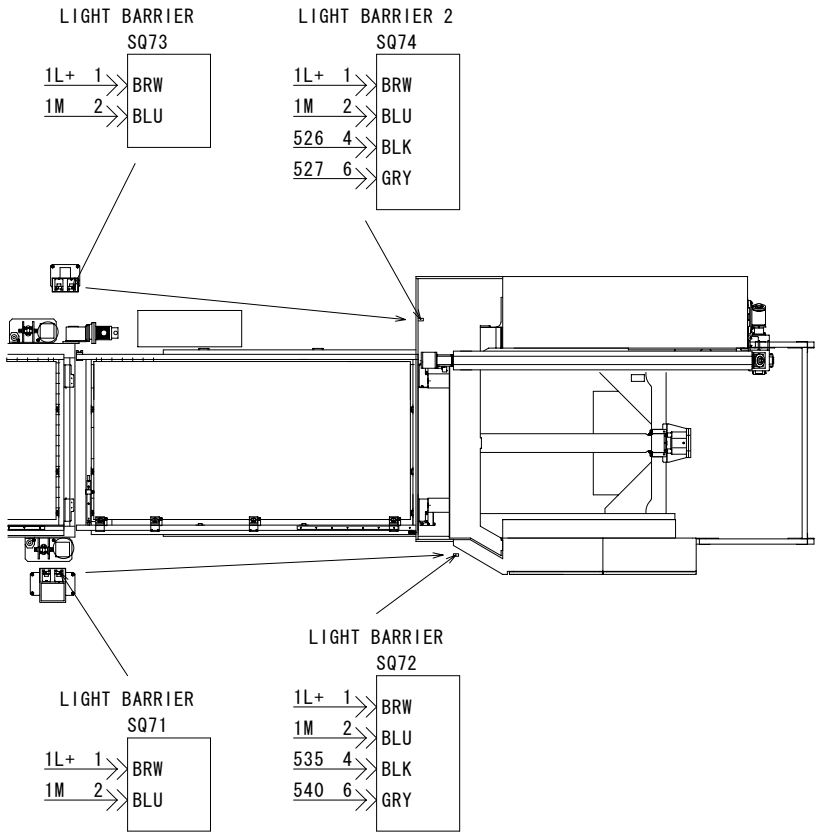
STANDARD TYPE



2PC TYPE



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	MACHINE COMPORNENTS LAYOUT (8)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30080.0

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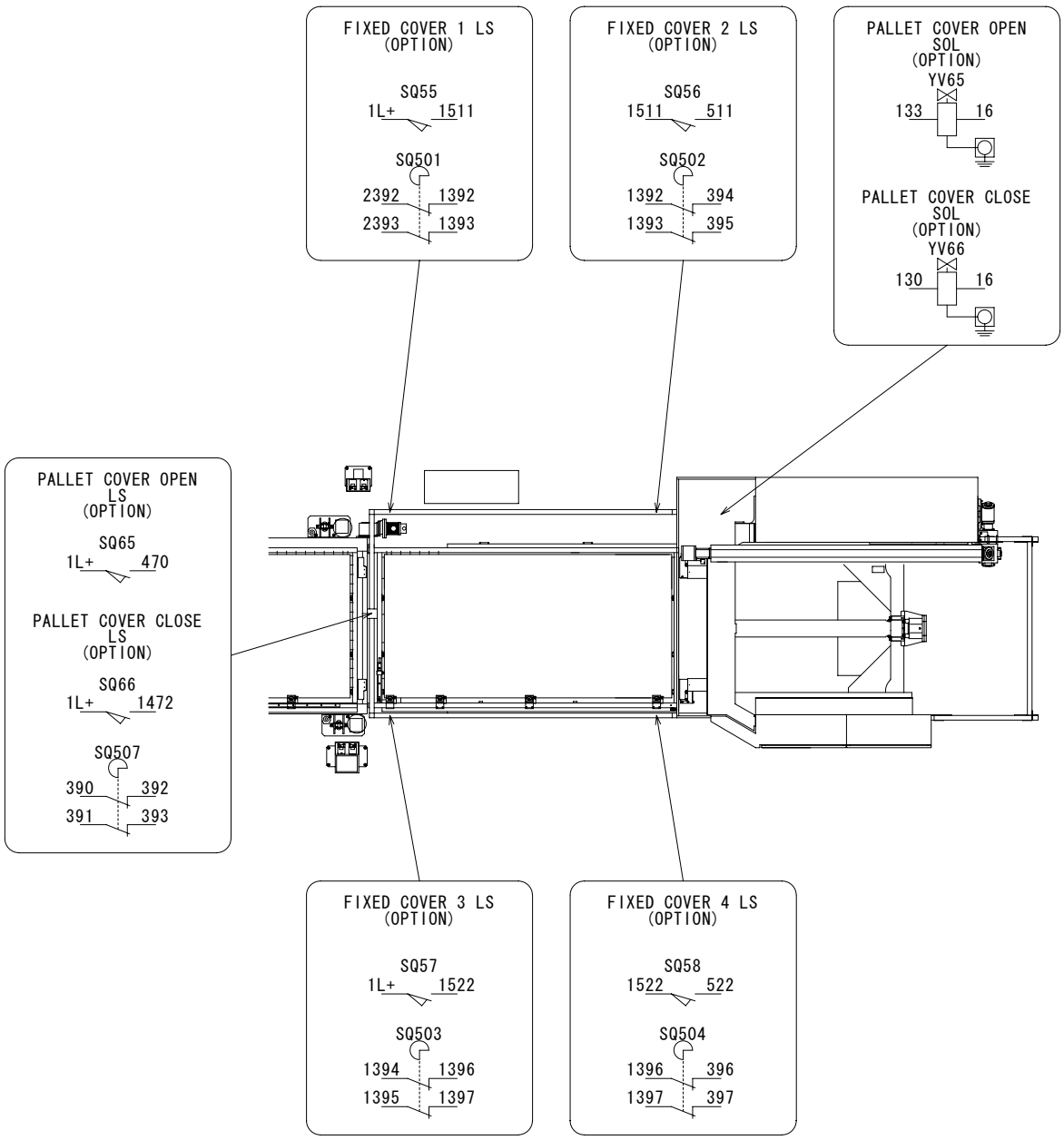

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	MACHINE COMPORNENTS LAYOUT (9)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30090.0

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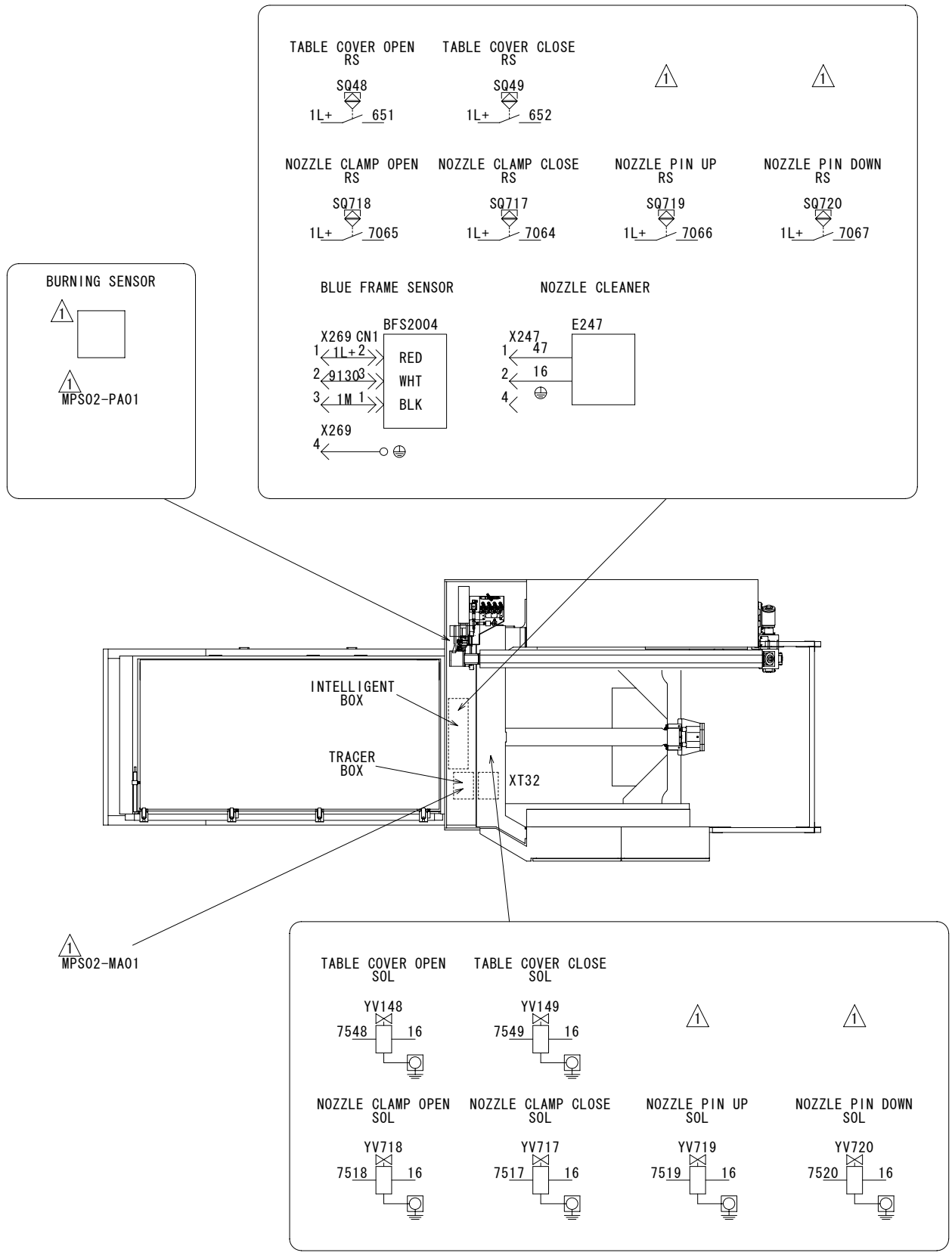

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	09/07/09	09/07/09	09/07/09	MACHINE COMPORNENTS LAYOUT (3)
Edition Aug.20.'09 S.Yamasaki	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30101.0

YAMAZAKI MAZAK CORPORATION

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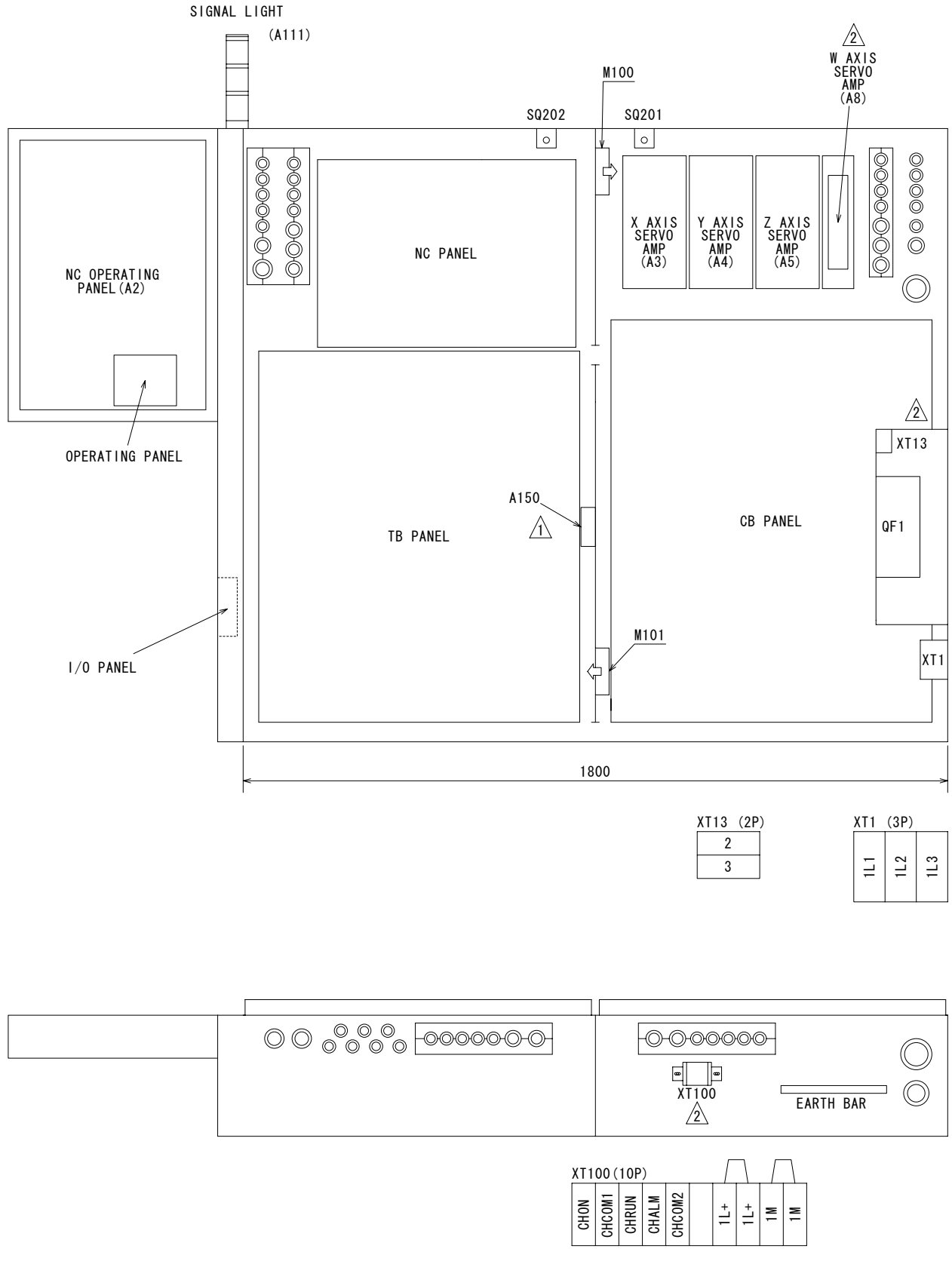

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
5					
4					
3					
2	Edition Jan.14.'09 M.Okajima	08/03/14	08/03/14	08/03/14	CABINET LAYOUT
1	Edition May.29.'08 K.Fukushige	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50012.0

YAMAZAKI MAZAK CORPORATION

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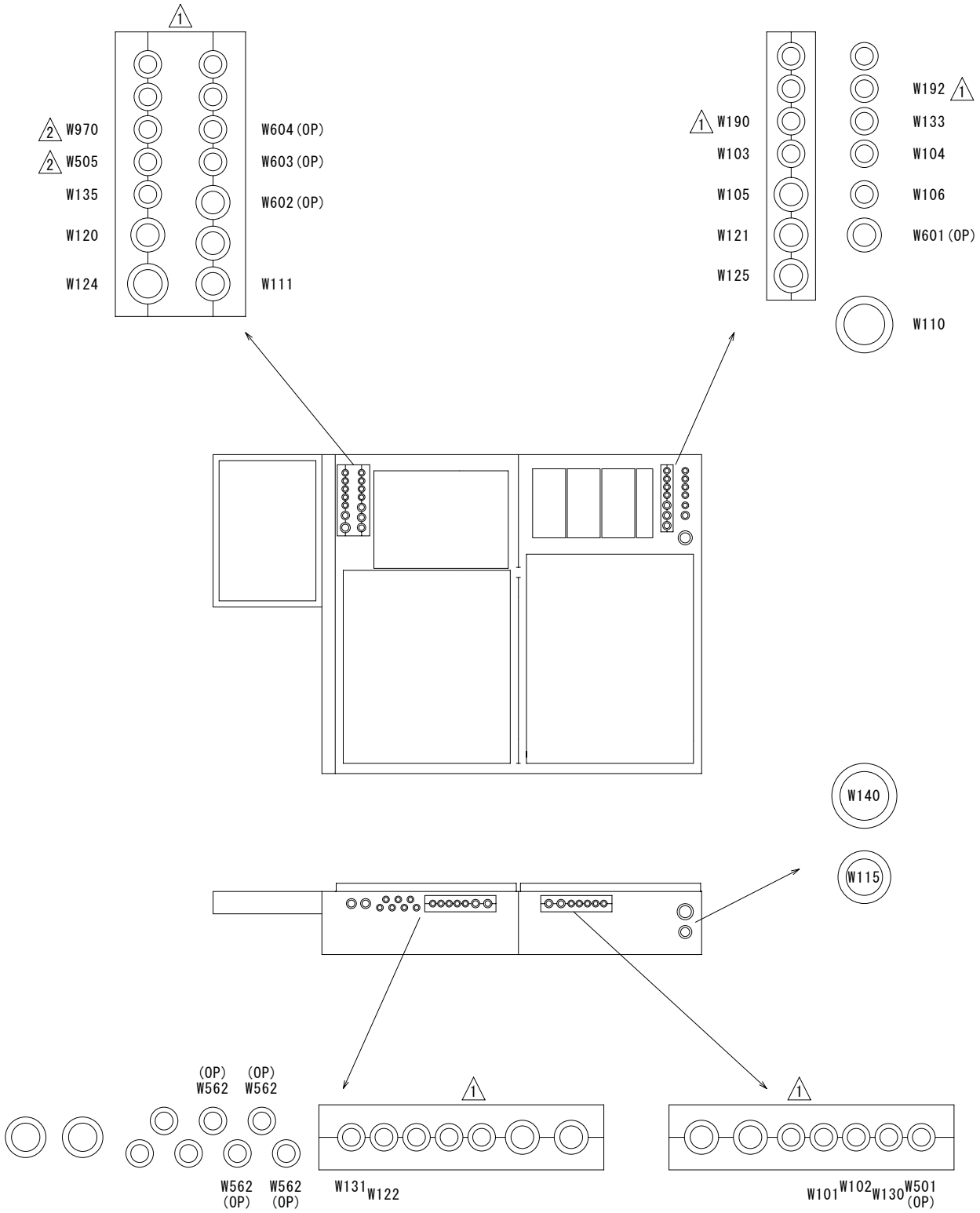

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
5					
4					
3					
2 Edition Jul.06.'09 S.Yamasaki	Mazak YAMAZAKI MAZAK CORPORATION	08/03/14 H Iryoda	08/03/14 M.Okajima	08/03/14 M.Okajima	CABINET INLET LAYOUT
1 Edition Jan.15.'09 M.Okajima					DRWN NO. 676 007 50022,0

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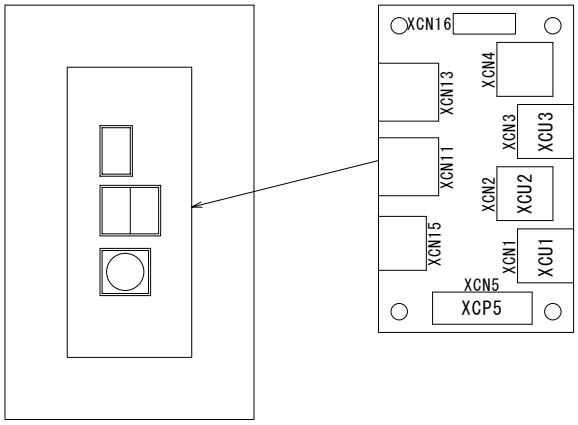

XCU1

PIN	LINE NO.
1	5V
2	Sig+
3	Sig-
4	GND

XCU2

PIN	LINE NO.
1	5V
2	Sig+
3	Sig-
4	GND

XCU3

PIN	LINE NO.
1	5V
2	Sig+
3	Sig-
4	GND

XCP5

PIN	LINE NO.
1	MKVcc
2	Mdata
3	Mclk
4	GND
5	Kdata
6	Kclk

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	I/O PANEL LAYOUT
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50030.0

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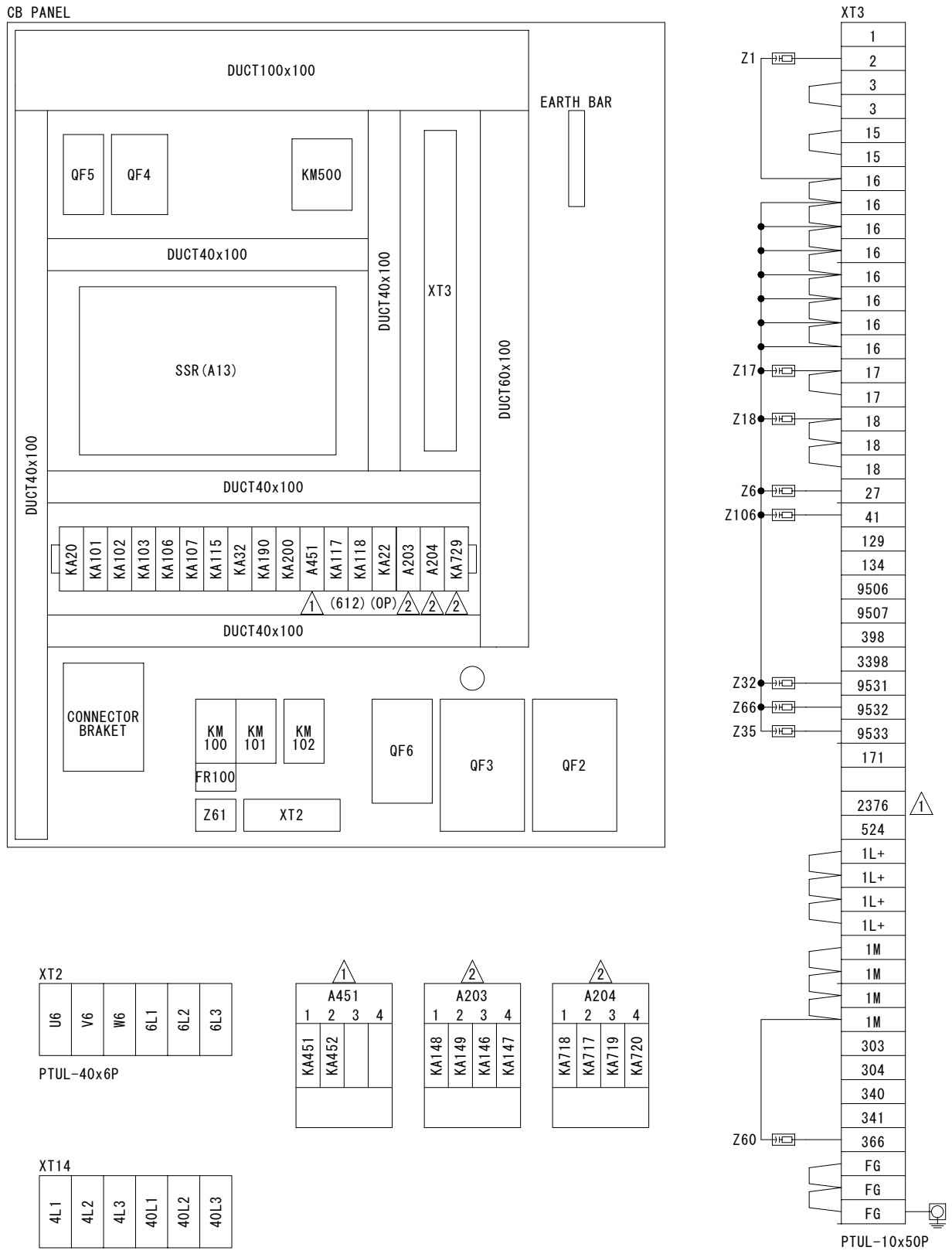

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤				
④				
③				
② Edition Jul.06.'09 S.Yamasaki	08/03/14	08/03/14	08/03/14	CB PANEL LAYOUT
① Edition Jan.14.'09 M.Okajima	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50052.0

Mazak YAMAZAKI MAZAK CORPORATION

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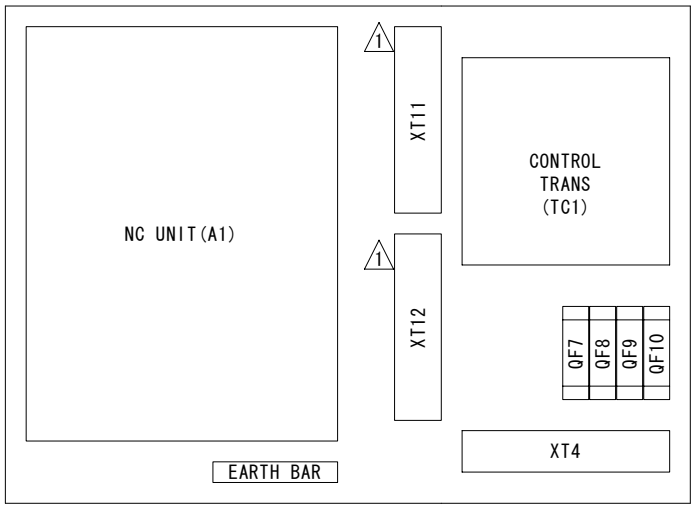
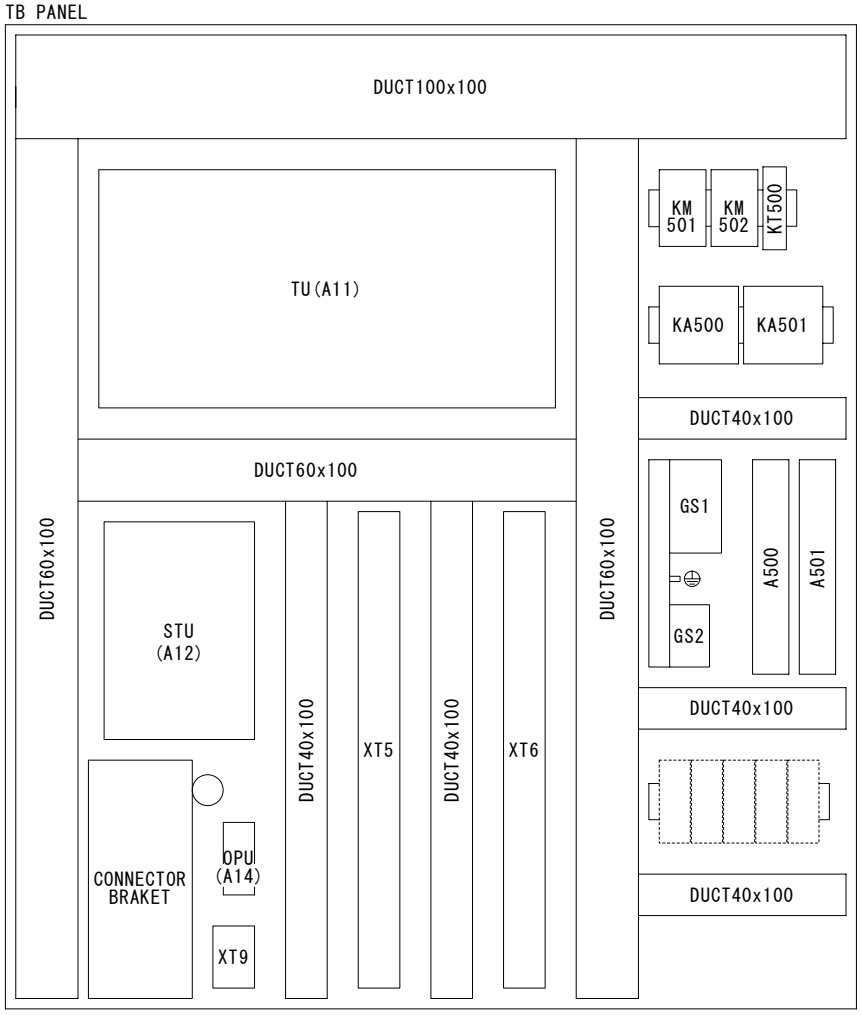
NC PANEL



TB PANEL



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
5					NC,TB PANEL LAYOUT
4					
3		08/03/14	08/03/14	08/03/14	
2		H Iryoda	M.Okajima	M.Okajima	
1	Edition Jul.06.'09 S.Yamasaki				DRWN NO. 676 007 50061,0

Mazak
YAMAZAKI MAZAK CORPORATION

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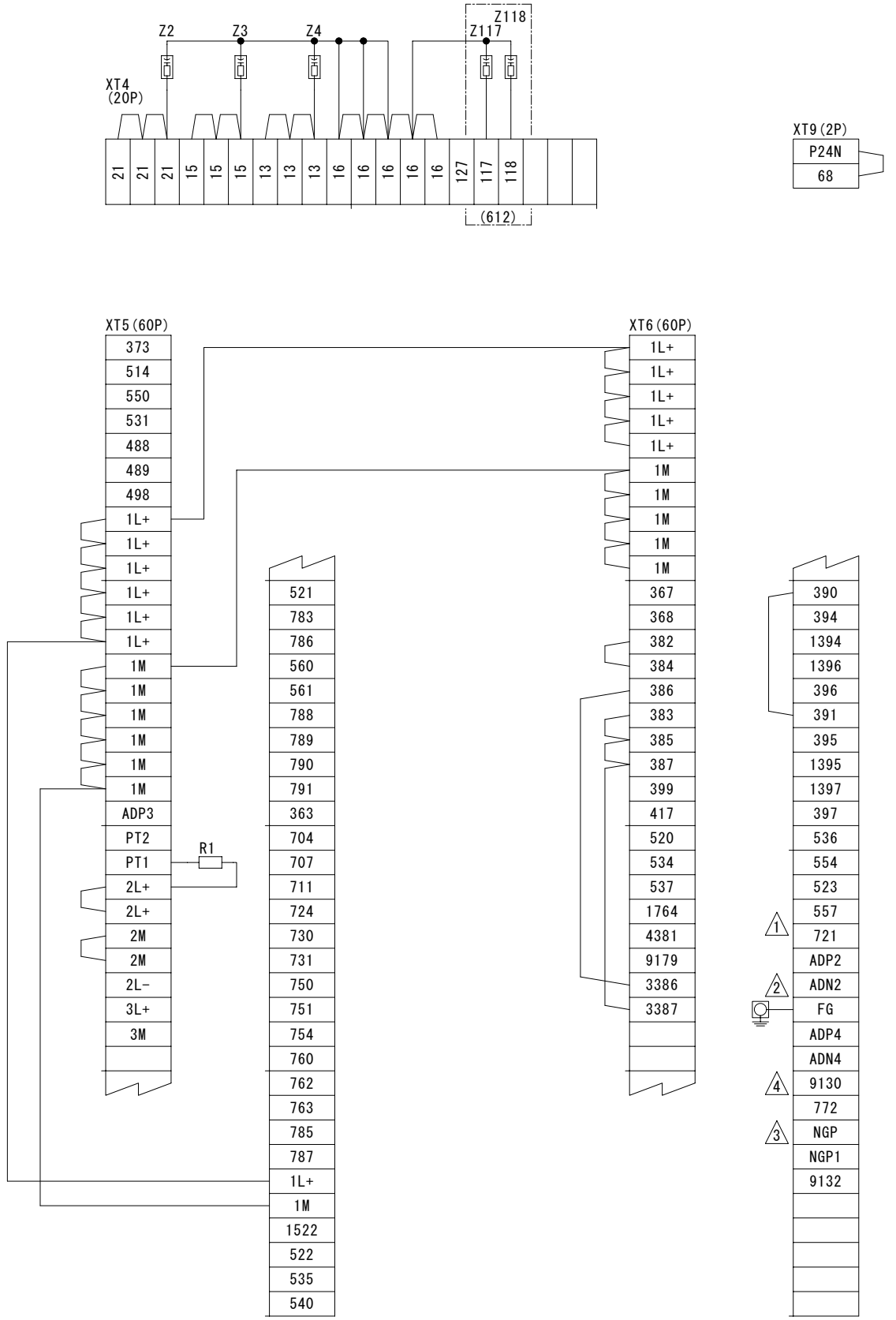

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
5					
4	Edition Aug.24.'09 S.Yamasaki	08/03/14	08/03/14	08/03/14	TERMINAL BLOCK LAYOUT
3	Edition Jul.06.'09 S.Yamasaki				
2	Edition Apr.01.'09 M.Okajima	H Iryoda	M.Okajima	M.Okajima	
1	Edition May.29.'08 K.Fukushige				DRWN NO. 676 007 50074.0

YAMAZAKI MAZAK CORPORATION

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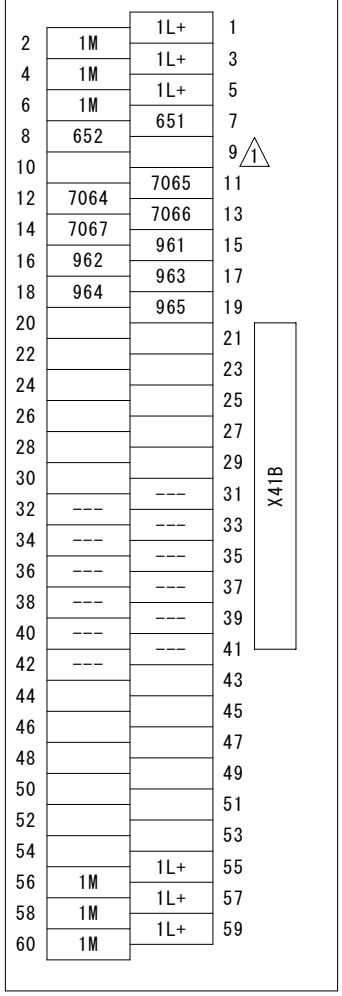
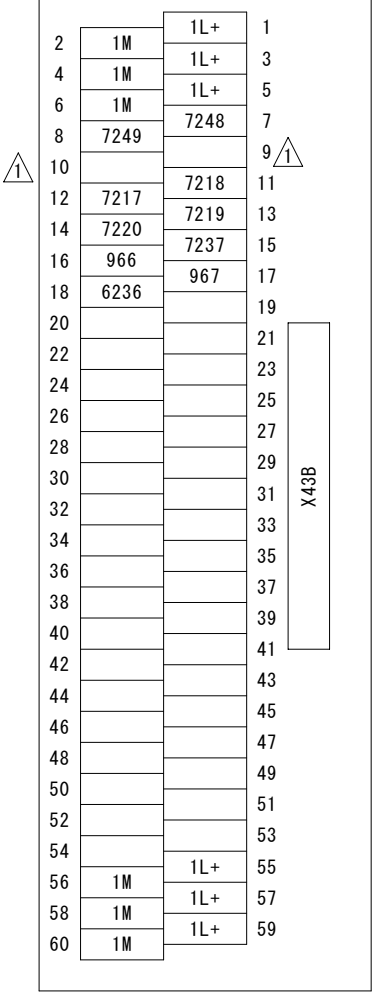
XT11



XT12



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⚠5				TERMINAL BLOCK LAYOUT (2)
⚠4				
⚠3				
⚠2	09/06/23	09/06/23	09/06/23	
⚠1 Edition Aug.20.'09 S.Yamasaki	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50071,1

YAMAZAKI MAZAK CORPORATION

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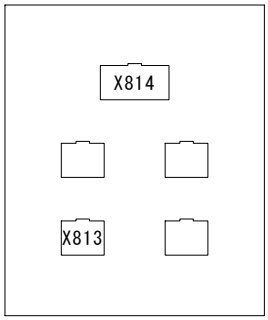
CB PANEL CONNECTOR BRAKET



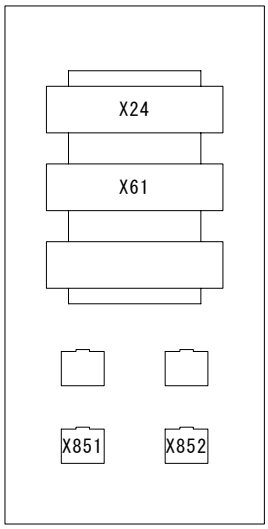
X813

PIN	LINE NO.
1	1L+
2	300
3	---
4	FG

X814

PIN	LINE NO.
1	1L+
2	450
3	451
4	452
5	359
6	360
7	1M
8	FG

TB PANEL CONNECTOR BRAKET



X851

PIN	LINE NO.
1	1L+
2	443
3	446
4	⏚

X852

PIN	LINE NO.
1	1L+
2	1441
3	1441
4	441

X24

PIN	LINE NO.
1	1L+
2	---
3	467
4	---
5	---
6	426
7	427
8	436
9	437
10	435
11	424
12	415
13	425
14	---
15	---
16	462
17	---
18	1L+
19	433
20	434
21	432
22	---
23	509
24	518
25	529
26	538
27	539
28	548
29	549
30	558
31	559
32	562
33	1M
34	---
35	740
36	756
37	416
38	430
39	410
40	411
41	412
42	413
43	431
44	9179
45	787
46	9181
47	9185
48	9186
49	---
50	1M

X61

PIN	LINE NO.
1	1L+
2	1L+
3	850
4	851
5	852
6	853
7	854
8	855
9	856
10	857
11	858
12	859
13	860
14	861
15	862
16	863
17	1L+
18	1L+
19	864
20	865
21	866
22	867
23	868
24	869
25	870
26	871
27	872
28	873
29	874
30	875
31	876
32	877
33	1M
34	1M
35	878
36	879
37	880
38	881
39	882
40	883
41	884
42	885
43	886
44	887
45	888
46	889
47	890
48	891
49	1M
50	1M

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤				CONNECTOR BRAKET LAYOUT
④	08/03/14	08/03/14	08/03/14	
③				
②	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50080.0
①				

Mazak
YAMAZAKI MAZAK CORPORATION

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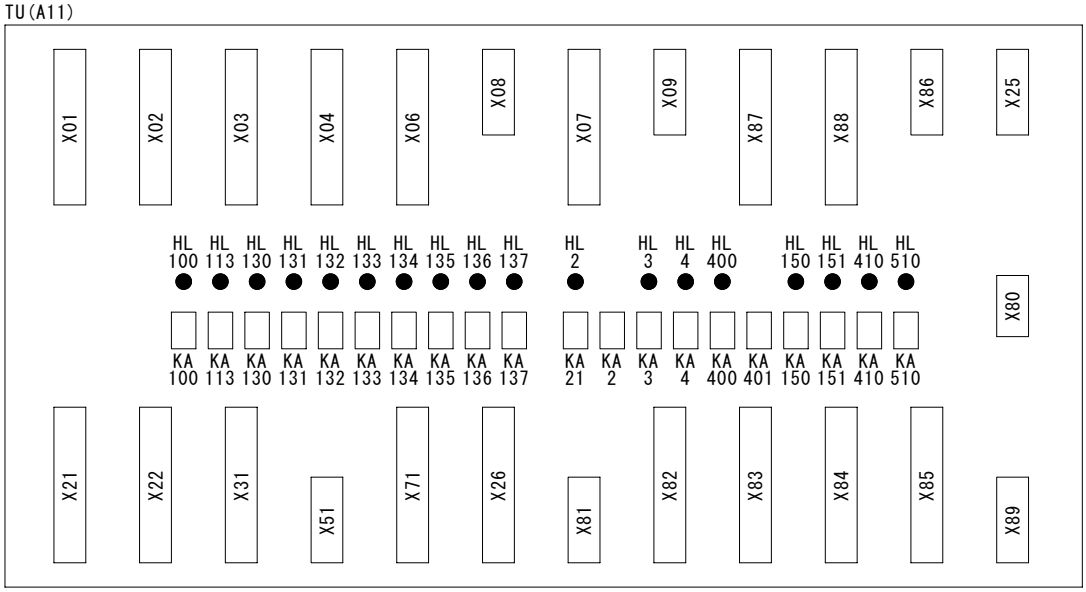
TU(A11)



RELAY

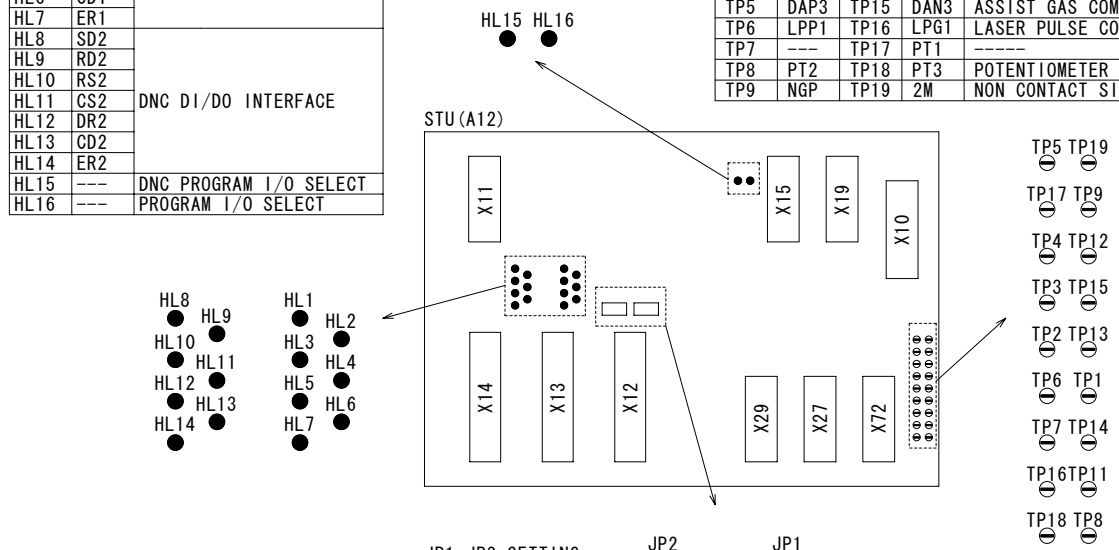
KA2	NC POWER ON	KA130	LASER POWER ON
KA21	NC POWER ON	KA131	LASER EMERGENCY STOP
KA3	OT RELEASE	KA132	LASER HIGH VOLTAGE ON
KA4	AXIS OVERTRAVEL	KA133	LASER DISCHARGE ON
KA400	EMERGENCY STOP	KA134	LASER SHUTTER OPEN
KA401	EMERGENCY STOP	KA135	LASER GAS CLEANING CANCEL
KA410	SETUP KEY CANCEL	KA136	LASER SPARE
KA510	SETUP JUMPER	KA137	LASER INTERLOCK RESET
KA100	AUX.TRANS OVERHEAT	KA150	ASSIST GAS REGULATOR ON
KA113	TOUCH SENSOR BUZZER ON	KA151	SPARE

CHECK LED

HL1	SD1	PROGRAM I/O INTERFACE
HL2	RD1	
HL3	RS1	
HL4	CS1	
HL5	DR1	
HL6	CD1	
HL7	ER1	
HL8	SD2	DNC DI/DO INTERFACE
HL9	RD2	
HL10	RS2	
HL11	CS2	
HL12	DR2	
HL13	CD2	
HL14	ER2	
HL15	---	DNC PROGRAM I/O SELECT
HL16	---	PROGRAM I/O SELECT

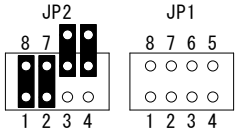
CHECK PIN

TP1	ADP1	TP11	ADN1	LASER POWER MONITOR
TP2	ADP2	TP12	ADN2	-----
TP3	ADP3	TP13	ADN3	GAP CONTROL SIGNAL
TP4	DAP1	TP14	DAN1	LASER POWER COMMAND
TP5	DAP3	TP15	DAN3	ASSIST GAS COMMAND
TP6	LPP1	TP16	LPG1	LASER PULSE COMMAND
TP7	---	TP17	PT1	-----
TP8	PT2	TP18	PT3	POTENTIOMETER SIGNAL
TP9	NGP	TP19	2M	NON CONTACT SIGNAL



JP1, JP2 SETTING

	JP1	JP2
1-8	OPEN	SHORT
2-7	OPEN	SHORT
3-6	OPEN	OPEN
4-5	OPEN	OPEN



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤	08/03/14	08/03/14	08/03/14	TU(A11), STU(A12) LAYOUT
④	H Iryoda	M.Okajima	M.Okajima	
③				DRWN NO. 676 007 50100, 0
②				
①				

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X01

PIN	LINE NO.
1	406
2	403
3	400
4	---
5	---
6	413
7	410
8	---
9	---
10	426
11	423
12	420
13	---
14	---
15	433
16	430
17	---
18	---
19	404
20	401
21	(1M)
22	416
23	(414)
24	411
25	---
26	---
27	424
28	421
29	(1M)
30	436
31	434
32	431
33	407
34	405
35	402
36	(1M)
37	417
38	415
39	412
40	(1M)
41	(1M)
42	427
43	425
44	422
45	1M
46	437
47	435
48	432
49	1M
50	1M

X02

PIN	LINE NO.
1	446
2	443
3	440
4	---
5	---
6	453
7	450
8	---
9	---
10	466
11	463
12	460
13	---
14	---
15	473
16	470
17	---
18	---
19	444
20	441
21	(1M)
22	456
23	454
24	451
25	---
26	---
27	464
28	461
29	(1M)
30	476
31	(474)
32	471
33	447
34	445
35	68
36	(1M)
37	457
38	455
39	452
40	(1M)
41	(1M)
42	467
43	465
44	462
45	1M
46	(477)
47	(475)
48	472
49	1M
50	1M

X03

PIN	LINE NO.
1	486
2	483
3	480
4	488
5	489
6	493
7	490
8	498
9	508
10	506
11	503
12	500
13	509
14	518
15	513
16	510
17	519
18	528
19	484
20	481
21	(1M)
22	496
23	494
24	491
25	9109
26	9110
27	504
28	501
29	(1M)
30	516
31	514
32	511
33	487
34	485
35	482
36	1M
37	497
38	495
39	492
40	1M
41	1M
42	507
43	505
44	502
45	1M
46	517
47	515
48	512
49	1M
50	1M

X04

PIN	LINE NO.
1	526
2	523
3	520
4	529
5	538
6	533
7	530
8	539
9	548
10	546
11	543
12	540
13	549
14	558
15	553
16	550
17	559
18	562
19	524
20	521
21	(1M)
22	536
23	534
24	531
25	560
26	561
27	544
28	541
29	(1M)
30	556
31	554
32	551
33	527
34	525
35	522
36	1M
37	537
38	535
39	532
40	1M
41	1M
42	547
43	545
44	542
45	1M
46	557
47	555
48	552
49	1M
50	1M

X06

PIN	LINE NO.
1	707
2	705
3	702
4	1L+
5	717
6	714
7	1L+
8	727
9	724
10	1L+
11	737
12	735
13	732
14	1L+
15	747
16	744
17	741
18	1L+
19	704
20	701
21	716
22	713
23	711
24	710
25	726
26	723
27	721
28	720
29	734
30	731
31	746
32	743
33	706
34	703
35	700
36	1M
37	715
38	712
39	1M
40	725
41	722
42	1M
43	736
44	733
45	730
46	1M
47	745
48	742
49	740
50	1M

X07

PIN	LINE NO.
1	757
2	755
3	752
4	1L+
5	767
6	764
7	1L+
8	777
9	774
10	1L+
11	787
12	785
13	782
14	1L+
15	748
16	749
17	758
18	759
19	754
20	751
21	766
22	763
23	761
24	760
25	776
26	773
27	771
28	770
29	784
30	781
31	768
32	788
33	756
34	753
35	750
36	1M
37	765
38	762
39	1M
40	775
41	772
42	1M
43	786
44	783
45	780
46	1M
47	789
48	790
49	791
50	351

X08

PIN	LINE NO.
1	(1L+)
2	708
3	709
4	718
5	719
6	728
7	(1L+)
8	729
9	738
10	739
11	---
12	---
13	---
14	(1M)
15	---
16	---
17	---
18	---
19	---
20	(1M)

X09

PIN	LINE NO.
1	465
2	9130
3	9131
4	550
5	---
6	---
7	1L+
8	---
9	---
10	---
11	---
12	---
13	---
14	---
15	---
16	---
17	---
18	---
19	---
20	1M

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

⚠5			
⚠4			
⚠3			
⚠2			
⚠1			

YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
TU(A11)
CONNECTOR TABLE(1)

DRWN NO. 676 007 50110.0

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X80

PIN	LINE NO.
1	1L+
2	1L+
3	1L+
4	⏚
5	1M
6	1M
7	1M
8	(⏚)

X81

PIN	LINE NO.
1	1L+
2	524
3	525
4	1L+
5	544
6	543
7	1L+
8	1L+
9	300
10	1L+
11	450
12	451
13	452
14	1M
15	1L+
16	523
17	9138
18	9139
19	9140
20	1M

X82

PIN	LINE NO.
1	1L+
2	1L+
3	301
4	302
5	304
6	305
7	306
8	306
9	305
10	1L+
11	369
12	1L+
13	370
14	702
15	702
16	703
17	1L+
18	1L+
19	351
20	752
21	753
22	720
23	721
24	771
25	755
26	765
27	770
28	774
29	9141
30	9142
31	9143
32	9144
33	1M
34	1M
35	767
36	1M
37	373
38	1373
39	1L+
40	372
41	1M
42	374
43	1374
44	2374
45	9145
46	9146
47	373
48	767
49	1M
50	1M

X83

PIN	LINE NO.
1	710
2	757
3	712
4	713
5	737
6	744
7	732
8	733
9	734
10	735
11	736
12	745
13	725
14	742
15	741
16	748
17	749
18	758
19	1M
20	1M
21	714
22	715
23	716
24	766
25	717
26	722
27	743
28	782
29	775
30	773
31	759
32	768
33	706
34	705
35	781
36	---
37	---
38	---
39	1M
40	1M
41	---
42	---
43	---
44	---
45	---
46	---
47	---
48	---
49	---
50	---

X84

PIN	LINE NO.
1	1L+
2	1L+
3	1L+
4	1L+
5	386
6	387
7	4381
8	764
9	764
10	1764
11	370
12	702
13	367
14	368
15	367
16	702
17	1L+
18	1L+
19	9151
20	9152
21	9153
22	---
23	---
24	---
25	---
26	---
27	---
28	---
29	---
30	9162
31	9163
32	9164
33	1M
34	1M
35	537
36	534
37	417
38	520
39	389
40	399
41	389
42	1L+
43	536
44	390
45	391
46	396
47	397
48	9150
49	1M
50	1M

X85

PIN	LINE NO.
1	382
2	383
3	384
4	385
5	386
6	387
7	368
8	367
9	1L+
10	514
11	1L+
12	521
13	783
14	786
15	1M
16	P24N
17	68
18	9175
19	1L+
20	443
21	446
22	⏚
23	1L+
24	1441
25	1441
26	441
27	394
28	395
29	396
30	397
31	1L+
32	531
33	1L+
34	406
35	407
36	423
37	358
38	9172
39	9173
40	9174
41	2L+
42	2L-
43	2M
44	3L+
45	3M
46	3L+
47	3M
48	1L+
49	1M
50	1M

X86

PIN	LINE NO.
1	1L+
2	---
3	465
4	463
5	464
6	---
7	1M
8	---
9	---
10	465
11	---
12	---
13	1M
14	727
15	---
16	418
17	419
18	⏚
19	---
20	1L+

X87

PIN	LINE NO.
1	1L+
2	1L+
3	522
4	524
5	525
6	532
7	533
8	535
9	540
10	767
11	772
12	776
13	777
14	9130
15	9131
16	550
17	1L+
18	1L+
19	(414)
20	488
21	489
22	498
23	508
24	509
25	518
26	519
27	528
28	560
29	561
30	748
31	749
32	758
33	1M
34	1M
35	759
36	768
37	788
38	789
39	790
40	791
41	---
42	9150
43	9151
44	9152
45	9153
46	9162
47	9163
48	9164
49	1M
50	1M

X88

PIN	LINE NO.
1	1L+
2	1L+
3	9138
4	9139
5	9140
6	9141
7	9142
8	9143
9	9144
10	9145
11	9146
12	373
13	767
14	748
15	749
16	758
17	1L+
18	1L+
19	759
20	768
21	9172
22	9173
23	9174
24	9175
25	9176
26	9177
27	9178
28	9179
29	787
30	9181
31	---
32	509
33	1M
34	1M
35	518
36	9185
37	9186
38	519
39	528
40	9189
41	9190
42	9191
43	9192
44	9193
45	9194
46	9195
47	9196
48	---
49	1M
50	1M

X89

PIN	LINE NO.
1	1L+
2	466
3	476
4	455
5	723
6	761
7	1L+
8	418
9	419
10	554
11	555
12	3L+
13	3M
14	1M
15	3L+
16	3M
17	3L+
18	2M
19	2L-
20	1M

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE
TU(A11)
CONNECTOR TABLE(2)

DRWN NO. 676 007 50120.0

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X21

PIN	LINE NO.
1	1L+
2	1L+
3	380
4	381
5	382
6	383
7	301
8	302
9	304
10	305
11	306
12	389
13	363
14	9176
15	9177
16	9178
17	1L+
18	1L+
19	---
20	---
21	---
22	---
23	---
24	---
25	---
26	---
27	---
28	---
29	---
30	---
31	---
32	---
33	1M
34	1M
35	416
36	430
37	410
38	411
39	412
40	413
41	431
42	785
43	787
44	704
45	707
46	9179
47	787
48	9181
49	1M
50	1M

X22

PIN	LINE NO.
1	1L+
2	1L+
3	467
4	(477)
5	351
6	426
7	427
8	436
9	437
10	435
11	424
12	415
13	425
14	(474)
15	(475)
16	462
17	1L+
18	1L+
19	433
20	434
21	432
22	389
23	509
24	518
25	529
26	538
27	539
28	548
29	549
30	558
31	559
32	562
33	1M
34	1M
35	740
36	756
37	750
38	751
39	754
40	711
41	730
42	731
43	724
44	762
45	763
46	760
47	9185
48	9186
49	1M
50	1M

X25

PIN	LINE NO.
1	1L+
2	382
3	383
4	384
5	385
6	517
7	1L+
8	515
9	516
10	440
11	532
12	533
13	519
14	1M
15	528
16	747
17	780
18	776
19	777
20	1M

X26

PIN	LINE NO.
1	1L+
2	1L+
3	---
4	310
5	311
6	312
7	313
8	320
9	314
10	315
11	316
12	321
13	317
14	318
15	319
16	---
17	1L+
18	1L+
19	480
20	481
21	482
22	483
23	484
24	485
25	486
26	487
27	490
28	491
29	492
30	493
31	494
32	495
33	1M
34	1M
35	---
36	496
37	497
38	500
39	501
40	502
41	503
42	504
43	505
44	506
45	507
46	9109
47	9110
48	---
49	1M
50	1M

X31

PIN	LINE NO.
1	1L+
2	1L+
3	---
4	400
5	401
6	402
7	---
8	403
9	358
10	420
11	421
12	---
13	530
14	544
15	543
16	---
17	1L+
18	1L+
19	470
20	---
21	471
22	---
23	472
24	---
25	473
26	512
27	---
28	513
29	---
30	511
31	---
32	510
33	1M
34	1M
35	---
36	531
37	390
38	391
39	---
40	394
41	395
42	526
43	527
44	---
45	9189
46	9190
47	9191
48	---
49	1M
50	1M

X51

PIN	LINE NO.
1	1L+
2	---
3	444
4	445
5	456
6	---
7	1L+
8	457
9	---
10	400
11	401
12	---
13	358
14	1M
15	---
16	420
17	9192
18	9193
19	---
20	1M

X71

PIN	LINE NO.
1	1L+
2	1L+
3	---
4	404
5	405
6	---
7	358
8	422
9	---
10	541
11	542
12	---
13	453
14	454
15	---
16	---
17	1L+
18	1L+
19	---
20	460
21	---
22	461
23	---
24	545
25	---
26	546
27	---
28	547
29	---
30	550
31	---
32	---
33	1M
34	1M
35	---
36	552
37	556
38	---
39	551
40	553
41	---
42	557
43	9194
44	---
45	9195
46	9196
47	---
48	---
49	1M
50	1M

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE
TU(A11)
CONNECTOR TABLE(3)

DRWN NO. 676 007 50130.0

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X10

PIN	LINE NO.
1	2L+
2	2L-
3	---
4	3L+
5	3L+
6	3L+
7	---
8	⏚
9	2M
10	---
11	---
12	3M
13	3M
14	3M
15	---
16	(⏚)

X15

PIN	LINE NO.
1	(BOFF1)
2	ADP1
3	ADP2
4	(MDIR1)
5	ADP3
6	DAP1
7	DAP3
8	---
9	LPP1
10	(SG)
11	(MDIR2)
12	ADN1
13	ADN2
14	(BOFF2)
15	ADN3
16	DAN1
17	DAN3
18	---
19	LPG1
20	⏚

X19

PIN	LINE NO.
1	1L+
2	466
3	476
4	455
5	723
6	761
7	1L+
8	418
9	419
10	554
11	555
12	3L+
13	3M
14	1M
15	3L+
16	3M
17	2L+
18	2M
19	2L-
20	1M

X27

PIN	LINE NO.
1	(BOFF1)
2	ADP1
3	ADP2
4	(MDIR1)
5	---
6	DAP1
7	(1L+)
8	(554)
9	LPP1
10	(SG)
11	(MDIR2)
12	ADN1
13	ADN2
14	(BOFF2)
15	(555)
16	DAN1
17	---
18	---
19	LPG1
20	⏚

X29

PIN	LINE NO.
1	723
2	466
3	PT1
4	PT3
5	PT2
6	476
7	2L+
8	NGP
9	GOF
10	SDIN
11	SKIN
12	SSIN
13	2L-
14	455
15	⏚
16	1L+
17	1M
18	ADP3
19	ADN3
20	2M

X72

PIN	LINE NO.
1	2L+
2	SDIN
3	DAP3
4	PT1
5	---
6	NGP
7	418
8	2M
9	SKIN
10	PT2
11	---
12	---
13	⏚
14	2L-
15	SSIN
16	DAN3
17	PT3
18	PT3
19	GOF
20	419

X11

PIN	LINE NO.
1	⏚
2	SD1
3	RD1
4	RS1
5	CS1
6	DR1
7	SG1
8	CD1
9	ER1
10	---
11	⏚
12	SD2
13	RD2
14	RS2
15	CS2
16	DR2
17	SG2
18	CD2
19	ER2
20	---

X12

PIN	LINE NO.
1	⏚
2	SD11
3	RD11
4	RS11
5	CS11
6	DR11
7	SG11
8	CD11
9	---
10	---
11	---
12	---
13	---
14	---
15	3L+
16	---
17	---
18	---
19	---
20	ER11
21	---
22	---
23	---
24	---
25	---

X13

PIN	LINE NO.
1	⏚
2	SD12
3	RD12
4	RS12
5	CS12
6	DR12
7	SG12
8	CD12
9	---
10	---
11	---
12	---
13	---
14	---
15	3L+
16	---
17	---
18	---
19	---
20	ER12
21	---
22	---
23	---
24	---
25	---

X14

PIN	LINE NO.
1	⏚
2	SD22
3	RD22
4	RS22
5	CS22
6	DR22
7	SG22
8	CD22
9	---
10	---
11	---
12	---
13	---
14	---
15	3L+
16	---
17	---
18	---
19	---
20	ER22
21	---
22	---
23	---
24	---
25	---

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	STU(A12) CONNECTOR TABLE
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50140.0

YAMAZAKI MAZAK CORPORATION

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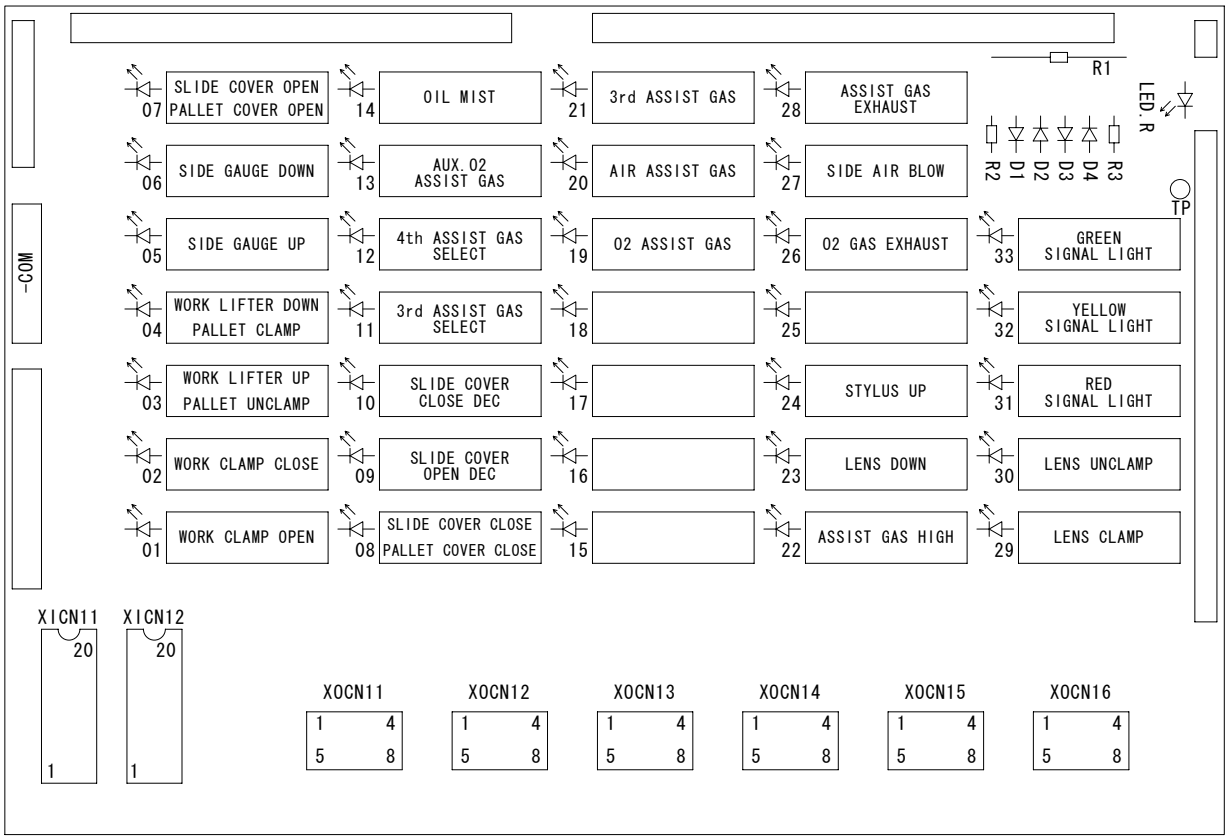

XICN11

PIN	LINE NO.	SSR
1	710	01
2	757	02
3	712	03
4	713	04
5	737	05
6	744	06
7	732	07
8	733	08
9	734	09
10	735	10
11	736	11
12	745	12
13	725	13
14	742	14
15	741	15
16	748	16
17	749	17
18	758	18
19	1M	---
20	1M	---

XICN12

PIN	LINE NO.	SSR
1	714	19
2	715	20
3	716	21
4	766	22
5	717	23
6	722	24
7	743	25
8	782	26
9	775	27
10	773	28
11	759	29
12	768	30
13	706	31
14	705	32
15	781	33
16	-----	---
17	-----	---
18	-----	---
19	1M	---
20	1M	---

XOCN11

PIN	LINE NO.	SSR
1	120	01
2	115	02
3	107	03
4	108	04
5	141	05
6	151	06
7	17	---
8	17	---

XOCN12

PIN	LINE NO.	SSR
1	133	07
2	130	08
3	131	09
4	132	10
5	146	11
6	147	12
7	17	---
8	17	---

XOCN13

PIN	LINE NO.	SSR
1	134	13
2	129	14
3	155	15
4	156	16
5	157	17
6	158	18
7	17	---
8	17	---

XOCN14

PIN	LINE NO.	SSR
1	109	19
2	110	20
3	111	21
4	114	22
5	112	23
6	113	24
7	17	---
8	17	---

XOCN15

PIN	LINE NO.	SSR
1	148	25
2	143	26
3	140	27
4	199	28
5	190	29
6	191	30
7	17	---
8	17	---

XOCN16

PIN	LINE NO.	SSR
1	104	31
2	105	32
3	106	33
4	16	CX
5	17	---
6	17	---
7	17	---
8	17	---

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: SSR BOARD(A13) LAYOUT

DRWN NO. 676 007 50200.0

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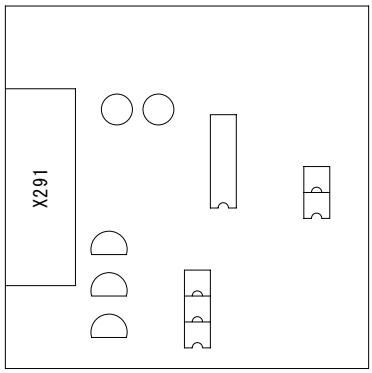

X291

PIN	LINE NO.
1	723
2	466
3	---
4	---
5	PT2
6	472
7	2L+
△1 8	NGP1
9	---
10	SDIN
11	SKIN
12	SSIN
13	2L-
14	455
15	---
16	1L+
17	---
18	ADP3
19	ADN3
20	2M

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
△5					
△4					
△3					
△2		08/03/14	08/03/14	08/03/14	OPU-100(A14) LAYOUT (OPTION)
△1	Edition Jul.06.'09 S.Yamasaki	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50251,0

Mazak YAMAZAKI MAZAK CORPORATION

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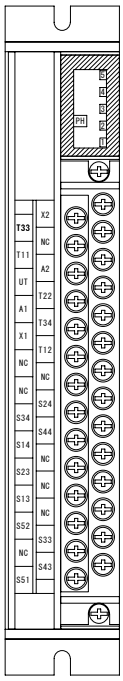
SAFTY MODULE UNIT 1(A500)

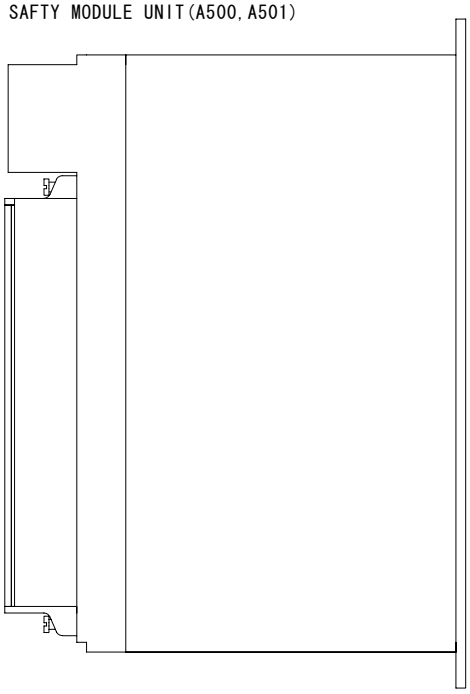
JUMPER	---	T33	X2		
		T11	NC		
		UT	A2	1M	
JUMPER	1L+	A1	T22	1387	
		X1	T34	376	
		NC	T12	1386	
		NC	NC		
	9179	S34	S24	388	
	417	S14	S44	---	
	1L+	S23	NC		
	1L+	S13	NC		
	---	S52	NC		
		NC	S33	1L+	
	---	S51	S43	---	

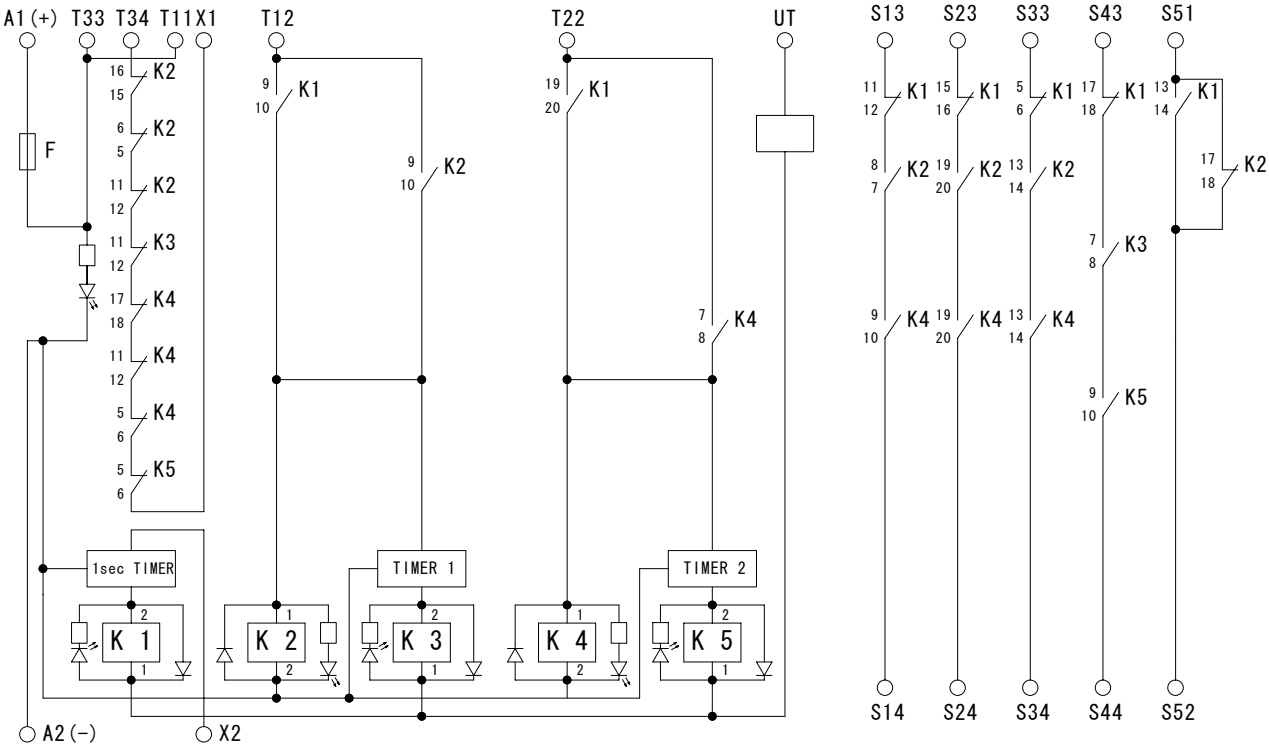
SAFTY MODULE UNIT 2(A501)

JUMPER	---	T33	X2		
		T11	NC		
		UT	A2	1M	
JUMPER	1L+	A1	T22	397	
		X1	T34	3389	
		NC	T12	396	
		NC	NC		
	17	S34	S24	17	
	536	S14	S44	48	
	171	S23	NC		
	1L+	S13	NC		
	---	S52	NC		
		NC	S33	171	
	---	S51	S43	9506	



SAFTY MODULE UNIT(A500,A501)





STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	SAFTY MODULE LAYOUT
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50300.0

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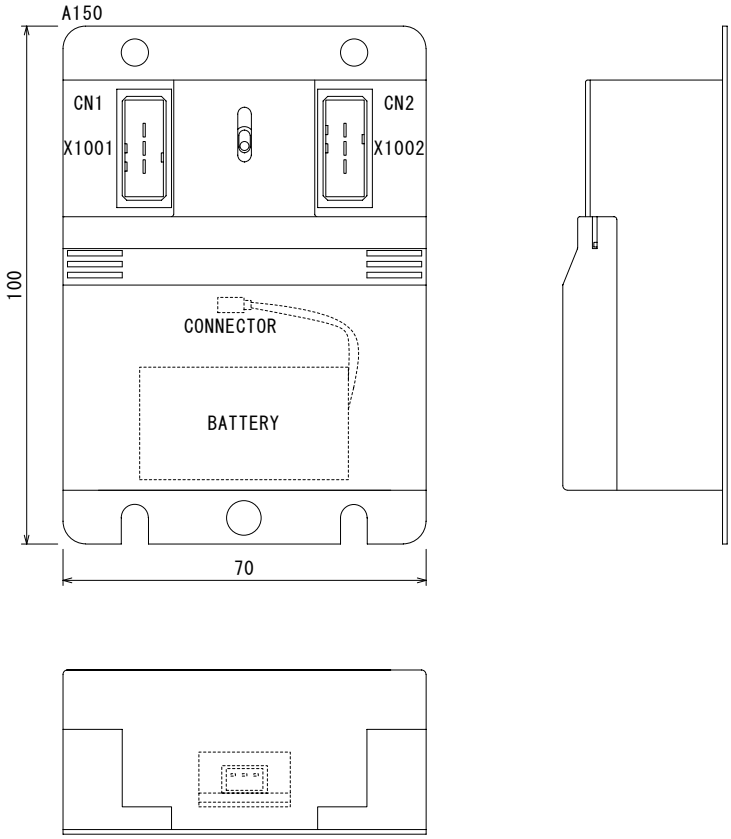

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/05/27	08/05/27	08/05/27	Mazak IHC NEKUST ESI UNIT LAYOUT
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50350.0

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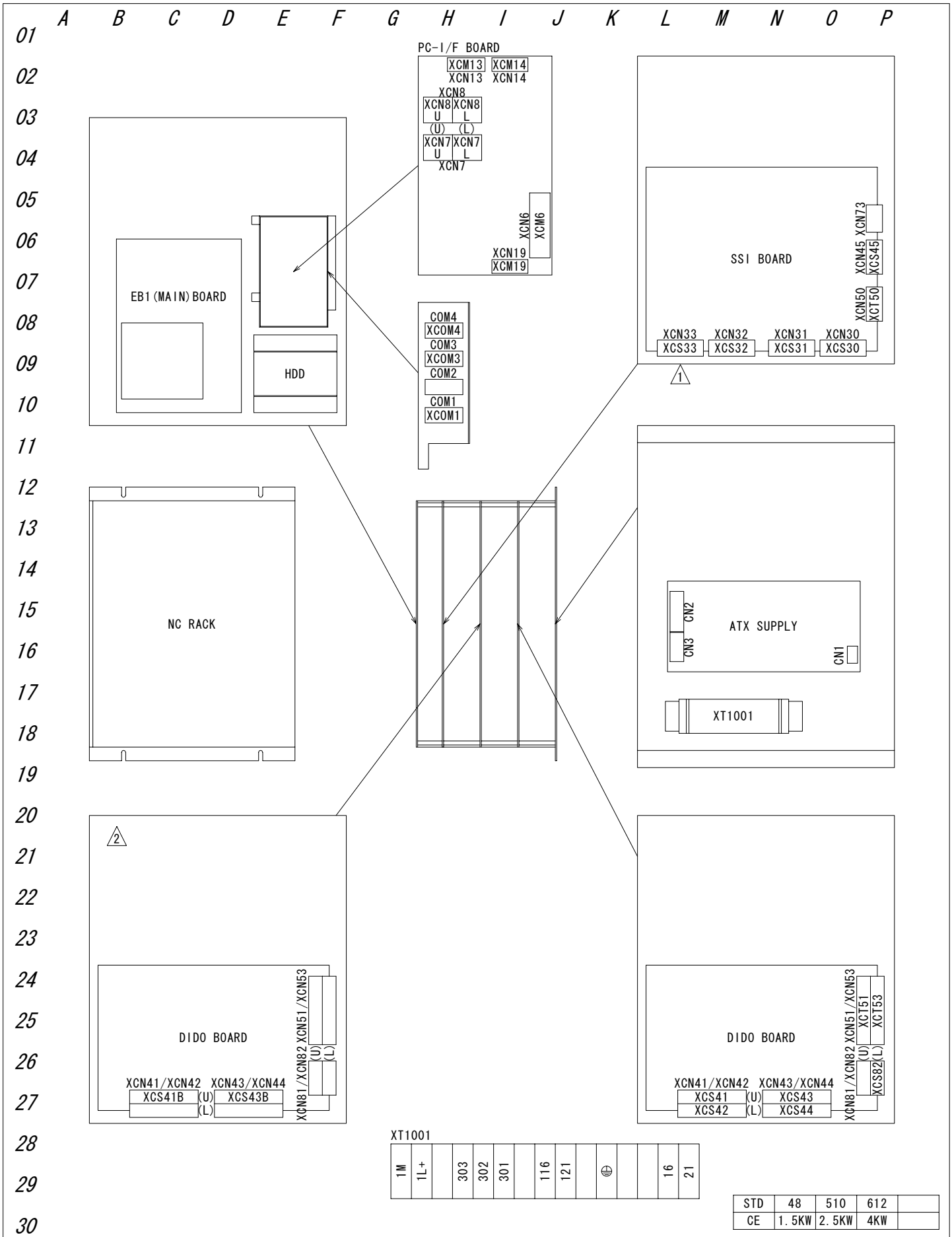

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
5					
4					
3					
2	Edition Jul.06.'09 S.Yamasaki	08/03/14	08/03/14	08/03/14	NC(A1) LAYOUT
1	Edition Jan.14.'09 M.Okajima	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50502.0

Mazak YAMAZAKI MAZAK CORPORATION

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A B C D E F G H I J K L M N O P

01

02

03

04

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XCM6

PIN	LINE NO.
1	GND
2	GND
3	SENS
4	TX1-
5	TX1+
6	TX2-
7	TX2+
8	GND
9	DCC/SCL
10	GND
11	5V
12	LCD
13	CFL
14	TXO-
15	TXO+
16	GND
17	GND
18	12V
19	GND
20	HDD+
21	HDD-
22	TXC-
23	TXC+
24	5V
25	GND
26	GND

XCN7L

PIN	LINE NO.
1	5V
2	Sig+
3	Sig-
4	GND

XCN7U

PIN	LINE NO.
1	5V
2	Sig+
3	Sig-
4	GND

XCN8L

PIN	LINE NO.
1	5V
2	Sig+
3	Sig-
4	GND

XCN8U

PIN	LINE NO.
1	5V
2	Sig+
3	Sig-
4	GND

XCM13

PIN	LINE NO.
1	MKVcc
2	Mdata
3	Mclk
4	GND
5	Kdata
6	Kclk

XCM14

PIN	LINE NO.
1	MKVcc
2	Mdata
3	Mclk
4	GND
5	---
6	---
7	---
8	---

XCM19

PIN	LINE NO.
1	754
2	762
3	763
4	760
5	1M

XCS82

PIN		LINE NO.
A1	1	465
B1	2	---
A2	3	9130
B2	4	---
A3	5	9131
B3	6	---
A4	7	550
B4	8	---
A5	9	---
B5	10	---
A6	11	---
B6	12	---
A7	13	---
B7	14	---
A8	15	---
B8	16	---

XCOM1

PIN	LINE NO.
1	---
2	RXD
3	TXD
4	---
5	GND
6	---
7	RTS
8	CTS
9	---

XCOM3

PIN	LINE NO.
1	CD1
2	RD1
3	SD1
4	ER1
5	SG1
6	DR1
7	RS1
8	CS1
9	---

XCOM4

PIN	LINE NO.
1	CD2
2	RD2
3	SD2
4	ER2
5	SG2
6	DR2
7	RS2
8	CS2
9	---

XCS45

PIN	LINE NO.
1	---
2	---
3	---
4	DAP4
5	ADP3
6	ADP4
7	PA1
8	PB1
9	P5H
10	---
11	---
12	---
13	---
14	DAN4
15	ADN3
16	ADN4
17	---
18	---
19	POH
20	---

XCT50

PIN	LINE NO.
1	---
2	ADP1
3	---
4	---
5	---
6	DAP1
7	DAP3
8	DAP2
9	LPP1
10	ADP2
11	---
12	ADN1
13	---
14	---
15	---
16	DAN1
17	DAN3
18	DAN2
19	LPG1
20	ADN2

XCS30

PIN	LINE NO.
1	XIUA
2	XIVA
3	XPU
4	*XPU
5	XPV
6	*XPV
7	XPW
8	*XPW
9	XSTO
10	XST2
11	*XSVON
12	XEMG
13	XMA1
14	XMA2
15	XMB1
16	XMB2
17	XMZ1
18	XMZ2
19	XMU1
20	XMU2
21	XMV1
22	XMV2
23	XMW1
24	XMW2
25	XSP1
26	XG15
27	XG15
28	XGND
29	XGND
30	XGND
31	XGND
32	XGND
33	XGND
34	XST1
35	XST3
36	XGND
37	XGND
38	*XMA1
39	*XMA2
40	*XMB1
41	*XMB2
42	*XMZ1
43	*XMZ2
44	*XMU1
45	*XMU2
46	*XMV1
47	*XMV2
48	*XMW1
49	*XMW2
50	*XSP1

XCS31

PIN	LINE NO.
1	YIUA
2	YIVA
3	YPU
4	*YPU
5	YPV
6	*YPV
7	YPW
8	*YPW
9	YSTO
10	YST2
11	*YSVON
12	YEMG
13	YMA1
14	YMA2
15	YMB1
16	YMB2
17	YMZ1
18	YMZ2
19	YMU1
20	YMU2
21	YMV1
22	YMV2
23	YMW1
24	YMW2
25	YSP1
26	YG15
27	YG15
28	YGND
29	YGND
30	YGND
31	YGND
32	YGND
33	YGND
34	YST1
35	YST3
36	YGND
37	YGND
38	*YMA1
39	*YMA2
40	*YMB1
41	*YMB2
42	*YMZ1
43	*YMZ2
44	*YMU1
45	*YMU2
46	*YMV1
47	*YMV2
48	*YMW1
49	*YMW2
50	*YSP1

XCS32

PIN	LINE NO.
1	ZIUA
2	ZIVA
3	ZPU
4	*ZPU
5	ZPV
6	*ZPV
7	ZPW
8	*ZPW
9	ZSTO
10	ZST2
11	*ZSVON
12	ZEMG
13	ZMA1
14	ZMA2
15	ZMB1
16	ZMB2
17	ZMZ1
18	ZMZ2
19	ZMU1
20	ZMU2
21	ZMV1
22	ZMV2
23	ZMW1
24	ZMW2
25	ZSP1
26	ZG15
27	ZG15
28	ZGND
29	ZGND
30	ZGND
31	ZGND
32	ZGND
33	ZGND
34	ZST1
35	ZST3
36	ZGND
37	ZGND
38	*ZMA1
39	*ZMA2
40	*ZMB1
41	*ZMB2
42	*ZMZ1
43	*ZMZ2
44	*ZMU1
45	*ZMU2
46	*ZMV1
47	*ZMV2
48	*ZMW1
49	*ZMW2
50	*ZSP1

XCS33 △1

PIN	LINE NO.
1	WIUA
2	WIVA
3	WPU
4	*WPU
5	WPV
6	*WPV
7	WPW
8	*WPW
9	WSTO
10	WST2
11	*WSVON
12	WEMG
13	WMA1
14	WMA2
15	WMB1
16	WMB2
17	WMZ1
18	WMZ2
19	WMU1
20	WMU2
21	WMV1
22	WMV2
23	WMW1
24	WMW2
25	WSP1
26	WG15
27	WG15
28	WGND
29	WGND
30	WGND
31	WGND
32	WGND
33	WGND
34	WST1
35	WST3
36	WGND
37	WGND
38	*WMA1
39	*WMA2
40	*WMB1
41	*WMB2
42	*WMZ1
43	*WMZ2
44	*WMU1
45	*WMU2
46	*WMV1
47	*WMV2
48	*WMW1
49	*WMW2
50	*WSP1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5

△4

△3

△2

△1 Edition Jan.14.'09 M.Okajima

Mazak
YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
NC(A1)
CONNECTOR TABLE(1)

DRWN NO. 676 007 50511.0

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XCS41

PIN		LINE NO.
A1	1	---
B1	2	1M
A2	3	---
B2	4	1M
A3	5	---
B3	6	1M
A4	7	420
B4	8	421
A5	9	422
B5	10	423
A6	11	400
B6	12	402
A7	13	404
B7	14	406
A8	15	401
B8	16	403
A9	17	405
B9	18	407
A10	19	436
B10	20	437
A11	21	430
B11	22	417
A12	23	431
B12	24	416
A13	25	435
B13	26	440
A14	27	441
B14	28	68
A15	29	443
B15	30	444
A16	31	445
B16	32	446
A17	33	450
B17	34	451
A18	35	452
B18	36	453
A19	37	455
B19	38	456
A20	39	457
B20	40	460
A21	41	461
B21	42	463
A22	43	464
B22	44	465
A23	45	466
B23	46	470
A24	47	471
B24	48	472
A25	49	473
B25	50	454
A26	51	447
B26	52	467
A27	53	476
B27	54	462
A28	55	---
B28	56	1M
A29	57	---
B29	58	1M
A30	59	---
B30	60	1M

XCS42

PIN		LINE NO.
A1	1	---
B1	2	1M
A2	3	---
B2	4	1M
A3	5	---
B3	6	1M
A4	7	480
B4	8	481
A5	9	482
B5	10	483
A6	11	484
B6	12	485
A7	13	486
B7	14	487
A8	15	490
B8	16	491
A9	17	492
B9	18	493
A10	19	494
B10	20	495
A11	21	496
B11	22	497
A12	23	500
B12	24	501
A13	25	502
B13	26	503
A14	27	504
B14	28	505
A15	29	506
B15	30	507
A16	31	510
B16	32	511
A17	33	512
B17	34	513
A18	35	514
B18	36	515
A19	37	516
B19	38	517
A20	39	488
B20	40	489
A21	41	498
B21	42	508
A22	43	509
B22	44	518
A23	45	519
B23	46	528
A24	47	9109
B24	48	9110
A25	49	413
B25	50	410
A26	51	426
B26	52	433
A27	53	411
B27	54	424
A28	55	---
B28	56	1M
A29	57	---
B29	58	1M
A30	59	---
B30	60	1M

XCT51

PIN		LINE NO.
A1	1	---
B1	2	1M
A2	3	---
B2	4	1M
A3	5	---
B3	6	1M
A4	7	520
B4	8	521
A5	9	533
B5	10	530
A6	11	541
B6	12	542
A7	13	550
B7	14	551
A8	15	552
B8	16	553
A9	17	554
B9	18	523
A10	19	556
B10	20	557
A11	21	555
B11	22	547
A12	23	540
B12	24	535
A13	25	543
B13	26	522
A14	27	546
B14	28	531
A15	29	532
B15	30	524
A16	31	525
B16	32	526
A17	33	527
B17	34	534
A18	35	536
B18	36	537
A19	37	544
B19	38	545
A20	39	529
B20	40	538
A21	41	539
B21	42	548
A22	43	549
B22	44	558
A23	45	559
B23	46	562
A24	47	560
B24	48	561
A25	49	434
B25	50	415
A26	51	412
B26	52	427
A27	53	425
B27	54	432
A28	55	---
B28	56	1M
A29	57	---
B29	58	1M
A30	59	---
B30	60	1M

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤	08/03/14	08/03/14	08/03/14	NC(A1) CONNECTOR TABLE(2)
④				
③	H Iryoda	M.Okajima	M.Okajima	
②				DRWN NO. 676 007 50520.0
①				

Mazak
YAMAZAKI MAZAK CORPORATION

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XCS43

PIN		LINE NO.
A1	1	1L+
B1	2	1M
A2	3	1L+
B2	4	1M
A3	5	1L+
B3	6	1M
A4	7	701
B4	8	705
A5	9	706
B5	10	710
A6	11	712
B6	12	713
A7	13	714
B7	14	715
A8	15	716
B8	16	717
A9	17	720
B9	18	721
A10	19	722
B10	20	723
A11	21	725
B11	22	726
A12	23	727
B12	24	737
A13	25	741
B13	26	742
A14	27	743
B14	28	744
A15	29	745
B15	30	746
A16	31	732
B16	32	733
A17	33	734
B17	34	735
A18	35	700
B18	36	702
A19	37	711
B19	38	730
A20	39	731
B20	40	724
A21	41	747
B21	42	736
A22	43	740
B22	44	703
A23	45	704
B23	46	707
A24	47	708
B24	48	709
A25	49	718
B25	50	719
A26	51	728
B26	52	729
A27	53	738
B27	54	739
A28	55	1L+
B28	56	1M
A29	57	1L+
B29	58	1M
A30	59	---
B30	60	---

XCS44

PIN		LINE NO.
A1	1	1L+
B1	2	1M
A2	3	1L+
B2	4	1M
A3	5	1L+
B3	6	1M
A4	7	752
B4	8	753
A5	9	755
B5	10	757
A6	11	761
B6	12	764
A7	13	765
B7	14	777
A8	15	766
B8	16	770
A9	17	771
B9	18	772
A10	19	773
B10	20	774
A11	21	775
B11	22	767
A12	23	776
B12	24	781
A13	25	782
B13	26	783
A14	27	786
B14	28	750
A15	29	751
B15	30	754
A16	31	762
B16	32	763
A17	33	760
B17	34	787
A18	35	780
B18	36	784
A19	37	785
B19	38	756
A20	39	748
B20	40	749
A21	41	758
B21	42	759
A22	43	768
B22	44	788
A23	45	789
B23	46	790
A24	47	791
B24	48	351
A25	49	---
B25	50	---
A26	51	---
B26	52	---
A27	53	---
B27	54	---
A28	55	1L+
B28	56	1M
A29	57	---
B29	58	---
A30	59	---
B30	60	---

XCT53

PIN		LINE NO.
A1	1	1L+
B1	2	1M
A2	3	1L+
B2	4	1M
A3	5	---
B3	6	---
A4	7	850
B4	8	851
A5	9	852
B5	10	853
A6	11	854
B6	12	855
A7	13	856
B7	14	857
A8	15	858
B8	16	859
A9	17	860
B9	18	861
A10	19	862
B10	20	863
A11	21	864
B11	22	865
A12	23	866
B12	24	867
A13	25	868
B13	26	869
A14	27	870
B14	28	871
A15	29	872
B15	30	873
A16	31	874
B16	32	875
A17	33	876
B17	34	877
A18	35	878
B18	36	879
A19	37	880
B19	38	881
A20	39	882
B20	40	883
A21	41	884
B21	42	885
A22	43	886
B22	44	887
A23	45	888
B23	46	889
A24	47	890
B24	48	891
A25	49	---
B25	50	---
A26	51	---
B26	52	---
A27	53	---
B27	54	---
A28	55	---
B28	56	---
A29	57	1L+
B29	58	1M
A30	59	1L+
B30	60	1M

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NC(A1) CONNECTOR TABLE(3)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50530.0

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XCS41B

PIN		LINE NO.
A1	1	1L+
B1	2	1M
A2	3	1L+
B2	4	1M
A3	5	1L+
B3	6	1M
A4	7	651
B4	8	652
A5	9	7146
B5	10	7147
A6	11	7065
B6	12	7064
A7	13	7066
B7	14	7067
A8	15	961
B8	16	962
A9	17	963
B9	18	964
A10	19	965
B10	20	
A11	21	
B11	22	
A12	23	
B12	24	
A13	25	
B13	26	
A14	27	
B14	28	
A15	29	
B15	30	

A16	31	---
B16	32	---
A17	33	---
B17	34	---
A18	35	---
B18	36	---
A19	37	---
B19	38	---
A20	39	---
B20	40	---
A21	41	---
B21	42	---
A22	43	
B22	44	
A23	45	
B23	46	
A24	47	
B24	48	
A25	49	
B25	50	
A26	51	
B26	52	
A27	53	
B27	54	
A28	55	1L+
B28	56	1M
A29	57	1L+
B29	58	1M
A30	59	1L+
B30	60	1M

XCS43B

PIN		LINE NO.
A1	1	1L+
B1	2	1M
A2	3	1L+
B2	4	1M
A3	5	1L+
B3	6	1M
A4	7	7248
B4	8	7249
A5	9	7246
B5	10	7247
A6	11	7218
B6	12	7217
A7	13	7219
B7	14	7220
A8	15	7237
B8	16	966
A9	17	967
B9	18	6236
A10	19	
B10	20	
A11	21	
B11	22	
A12	23	
B12	24	
A13	25	
B13	26	
A14	27	
B14	28	
A15	29	
B15	30	

A16	31	
B16	32	
A17	33	
B17	34	
A18	35	
B18	36	
A19	37	
B19	38	
A20	39	
B20	40	
A21	41	
B21	42	
A22	43	
B22	44	
A23	45	
B23	46	
A24	47	
B24	48	
A25	49	
B25	50	
A26	51	
B26	52	
A27	53	
B27	54	
A28	55	1L+
B28	56	1M
A29	57	1L+
B29	58	1M
A30	59	1L+
B30	60	1M

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	09/06/23	09/06/23	09/06/23	TAP (OPTION) NC(A1) CONNECTOR TABLE
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50540.0

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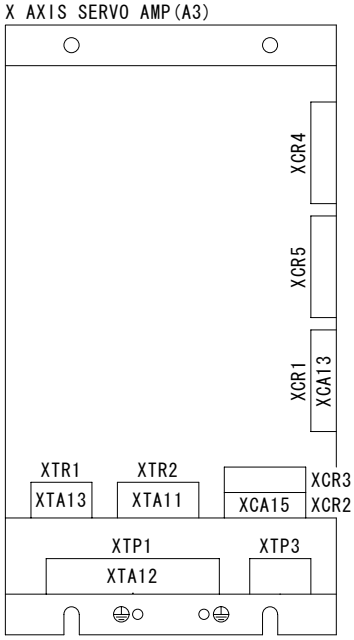
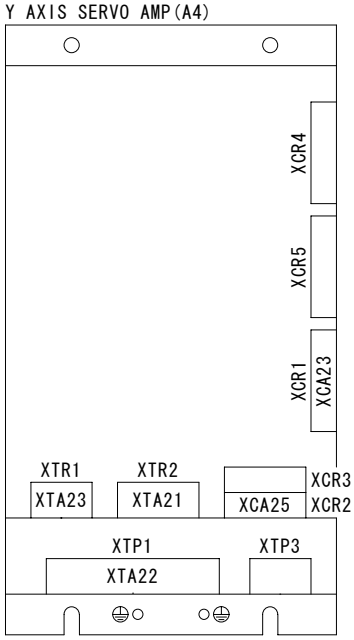
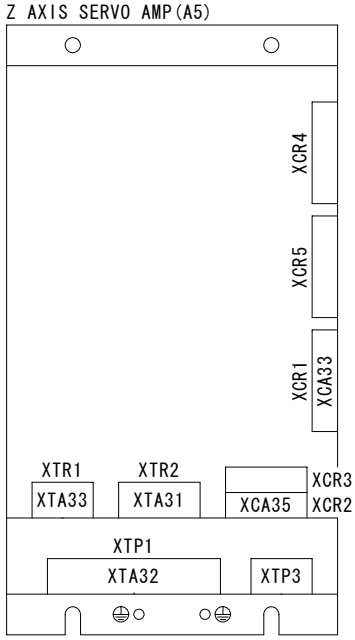
X AXIS SERVO AMP(A3)



Y AXIS SERVO AMP(A4)



Z AXIS SERVO AMP(A5)



XTR2(XTA11)

M-OH	G24	MB1	MB2	STR1	STR2	TH1	TH2
330	331	---	---	---	---	---	---

XTR2(XTA21)

M-OH	G24	MB1	MB2	STR1	STR2	TH1	TH2
332	333	---	---	---	---	---	---

XTR2(XTA31)

M-OH	G24	MB1	MB2	STR1	STR2	TH1	TH2
		1L+	366	---	---	---	---

JUMPER

XTP1(XTA12)

R	S	T	U	V	W
40L1	40L2	40L3	U1	V1	W1

XTP1(XTA22)

R	S	T	U	V	W
40L1	40L2	40L3	U2	V2	W2

XTP1(XTA32)

R	S	T	U	V	W
40L1	40L2	40L3	U3	V3	W3

XTR1(XTA13)

R	T
4L2	4L3

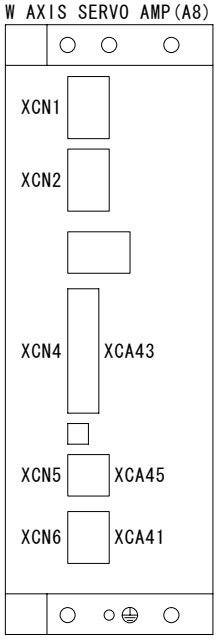
XTR1(XTA23)

R	T
4L2	4L3

XTR1(XTA33)

R	T
4L2	4L3

W AXIS SERVO AMP(A8)



△1

XCN1

PIN	LINE NO.	PIN	LINE NO.
A1	N	B1	P
A2	---	B2	---
A3	N4	B3	P4

XCN2

PIN	LINE NO.	PIN	LINE NO.
A1	G15	B1	15V
A2	G15	B2	-15V
A3	GN	B3	VCC

XCN5(XCA45)

PIN	LINE NO.
1	5V
2	0V
3	+
4	-
5	SD
6	/SD
7	---
8	---
9	---
10	---

XCN6(XCA41)

PIN	LINE NO.
A1	U7
A2	V7
B1	W7
B2	---

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	SERVO AMP LAYOUT
△1 Edition May.26.'09 S.Yamasaki	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50601.0

YAMAZAKI MAZAK CORPORATION

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XCA13

PIN	LINE NO.
1	XIUA
2	XIVA
3	XPU
4	*XPU
5	XPV
6	*XPV
7	XPW
8	*XPW
9	XSTO
10	XST2
11	*XSVON
12	XEMG
13	XMA1
14	XMA2
15	XMB1
16	XMB2
17	XMZ1
18	XMZ2
19	XMU1
20	XMU2
21	XMV1
22	XMV2
23	XMW1
24	XMW2
25	XSP1
26	XG15
27	XG15
28	XGND
29	XGND
30	XGND
31	XGND
32	XGND
33	XGND
34	XST1
35	XST3
36	XGND
37	XGND
38	*XMA1
39	*XMA2
40	*XMB1
41	*XMB2
42	*XMZ1
43	*XMZ2
44	*XMU1
45	*XMU2
46	*XMV1
47	*XMV2
48	*XMW1
49	*XMW2
50	XSP2

XCA15

PIN	LINE NO.
1	XPA1
2	XPB1
3	XPZ1
4	XC11
5	XC21
6	XC31
7	XVCC
8	XVCC
9	XVCC
10	XVCC
11	XPA2
12	XPB2
13	XPZ2
14	XC12
15	XC22
16	XC32
17	XSG
18	XSG
19	XSG
20	XSG

XCA23

PIN	LINE NO.
1	YIUA
2	YIVA
3	YPU
4	*YPU
5	YPV
6	*YPV
7	YPW
8	*YPW
9	YSTO
10	YST2
11	*YSVON
12	YEMG
13	YMA1
14	YMA2
15	YMB1
16	YMB2
17	YMZ1
18	YMZ2
19	YMU1
20	YMU2
21	YMV1
22	YMV2
23	YMW1
24	YMW2
25	YSP1
26	YG15
27	YG15
28	YGND
29	YGND
30	YGND
31	YGND
32	YGND
33	YGND
34	YST1
35	YST3
36	YGND
37	YGND
38	*YMA1
39	*YMA2
40	*YMB1
41	*YMB2
42	*YMZ1
43	*YMZ2
44	*YMU1
45	*YMU2
46	*YMV1
47	*YMV2
48	*YMW1
49	*YMW2
50	YSP2

XCA25

PIN	LINE NO.
1	YPA1
2	YPB1
3	YPZ1
4	YC11
5	YC21
6	YC31
7	YVCC
8	YVCC
9	YVCC
10	YVCC
11	YPA2
12	YPB2
13	YPZ2
14	YC12
15	YC22
16	YC32
17	YSG
18	YSG
19	YSG
20	YSG

XCA33

PIN	LINE NO.
1	ZIUA
2	ZIVA
3	ZPU
4	*ZPU
5	ZPV
6	*ZPV
7	ZPW
8	*ZPW
9	ZSTO
10	ZST2
11	*ZSVON
12	ZEMG
13	ZMA1
14	ZMA2
15	ZMB1
16	ZMB2
17	ZMZ1
18	ZMZ2
19	ZMU1
20	ZMU2
21	ZMV1
22	ZMV2
23	ZMW1
24	ZMW2
25	ZSP1
26	ZG15
27	ZG15
28	ZGND
29	ZGND
30	ZGND
31	ZGND
32	ZGND
33	ZGND
34	ZST1
35	ZST3
36	ZGND
37	ZGND
38	*ZMA1
39	*ZMA2
40	*ZMB1
41	*ZMB2
42	*ZMZ1
43	*ZMZ2
44	*ZMU1
45	*XMU2
46	*ZMV1
47	*ZMV2
48	*ZMW1
49	*ZMW2
50	ZSP2

XCA35

PIN	LINE NO.
1	ZPA1
2	ZPB1
3	ZPZ1
4	ZC11
5	ZC21
6	ZC31
7	ZVCC
8	ZVCC
9	ZVCC
10	ZVCC
11	ZPA2
12	ZPB2
13	ZPZ2
14	ZC12
15	ZC22
16	ZC32
17	ZSG
18	ZSG
19	ZSG
20	ZSG

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	SERVO AMP CONNECTOR TABLE
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50610.0

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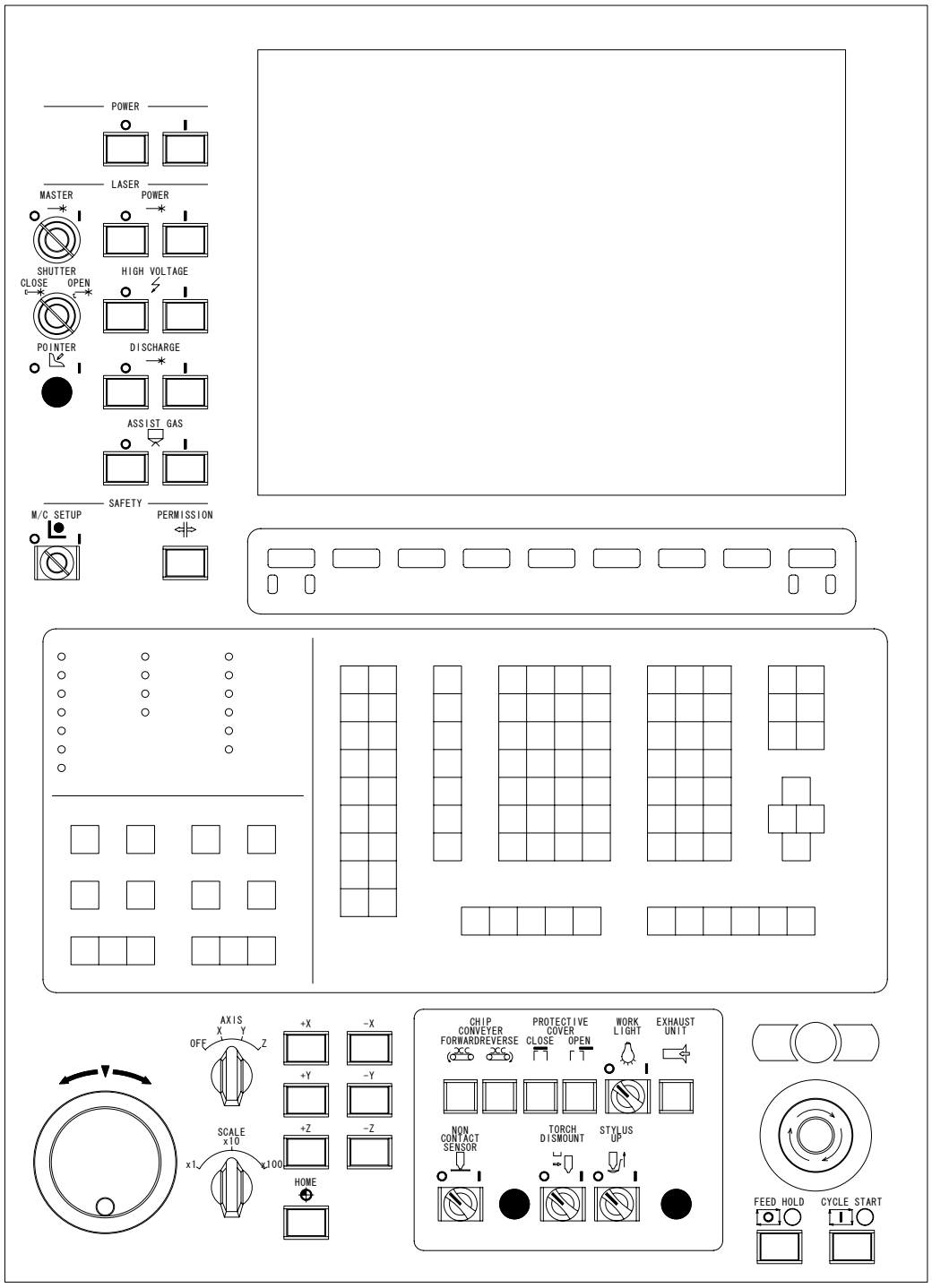

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NC OPERATING PANEL LAYOUT(1)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50700.0

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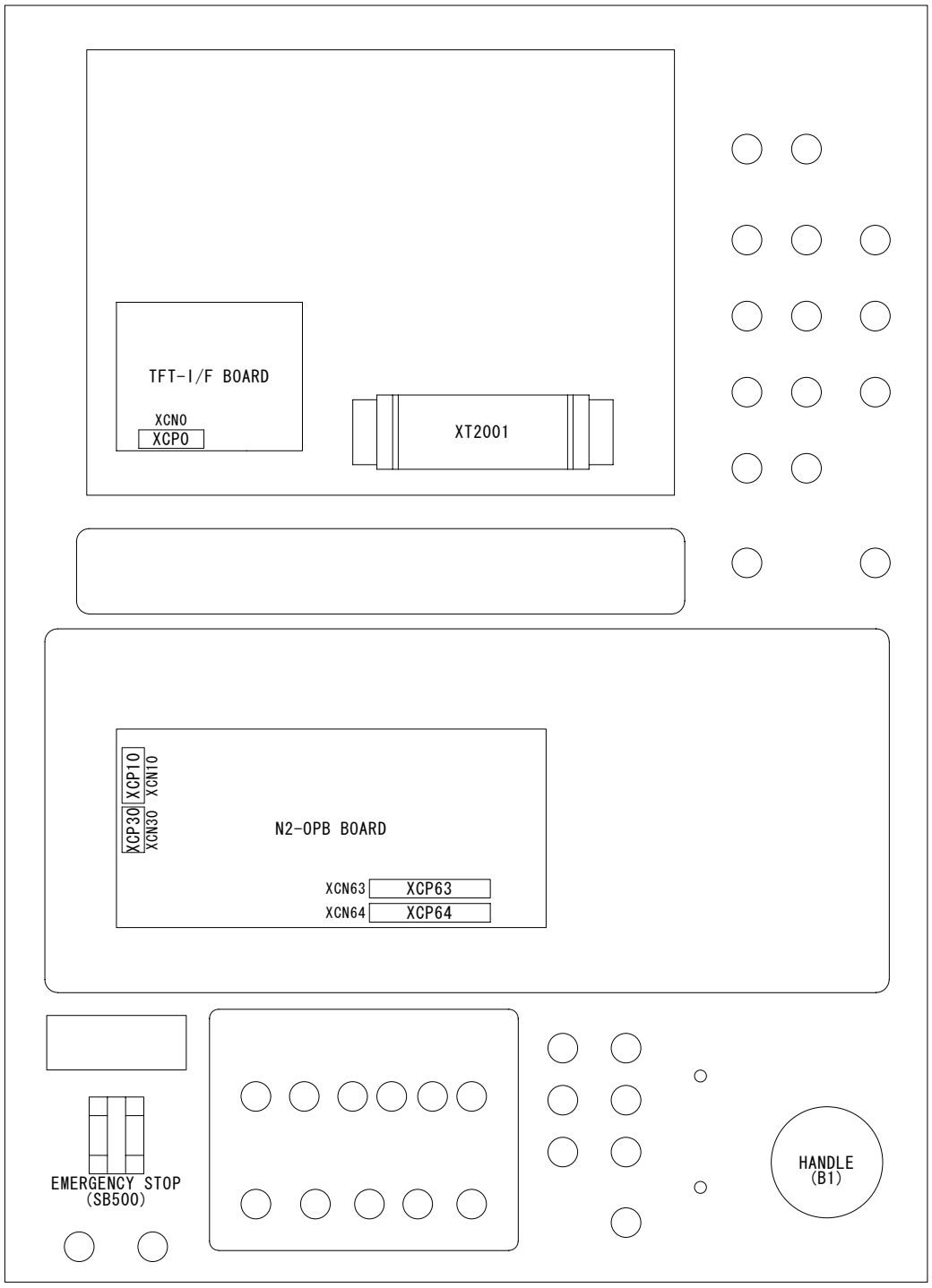

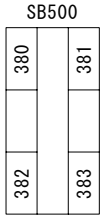

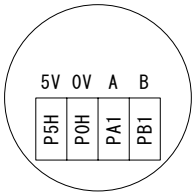

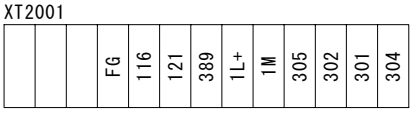

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NC OPERATING PANEL LAYOUT(3)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50720.0

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XCP0

PIN	LINE NO.
1	GND
2	GND
3	5V
4	TXC+
5	TXC-
6	HDD-
7	HDD+
8	GND
9	12V
10	GND
11	GND
12	TXO+
13	TXO-
14	CFL
15	LCD
16	5V
17	GND
18	DCC/SCL
19	GND
20	TX2+
21	TX2-
22	TX1+
23	TX1-
24	SENS
25	GND
26	GND

XCP10

PIN	LINE NO.
1	---
2	RXD
3	TXD
4	---
5	GND
6	---
7	RTS
8	CTS
9	---

XCP30

PIN	LINE NO.
1	MKVcc
2	Mdata
3	Mclk
4	GND
5	---
6	---
7	---
8	---

XCP63

PIN	LINE NO.
A1	4M
B1	624
A2	625
B2	626
A3	627
B3	628
A4	629
B4	630
A5	631
B5	632
A6	633
B6	634
A7	635
B7	636
A8	637
B8	638
A9	639
B9	640
A10	641
B10	642
A11	643
B11	644
A12	645
B12	646
A13	647
B13	4M

XCP64

PIN	LINE NO.
A1	4L+
B1	916
A2	917
B2	918
A3	919
B3	920
A4	921
B4	922
A5	923
B5	924
A6	925
B6	926
A7	927
B7	928
A8	929
B8	930
A9	931
B9	932
A10	933
B10	934
A11	935
B11	936
A12	937
B12	938
A13	939
B13	4L+

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NC OPERATING PANEL CONNECTOR TABLE
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50730.0

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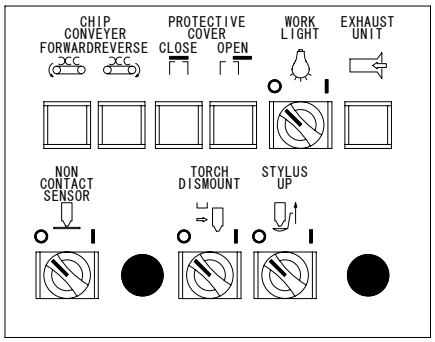
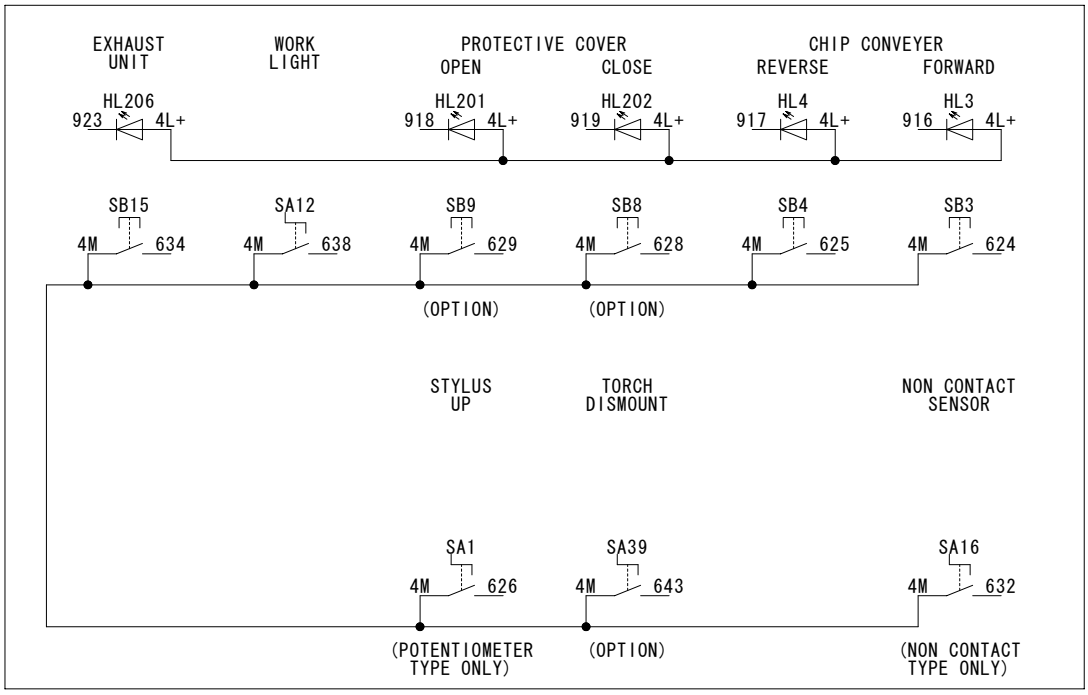


REAR CONNECTION



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	OPERATING PANEL LAYOUT
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 50750.0

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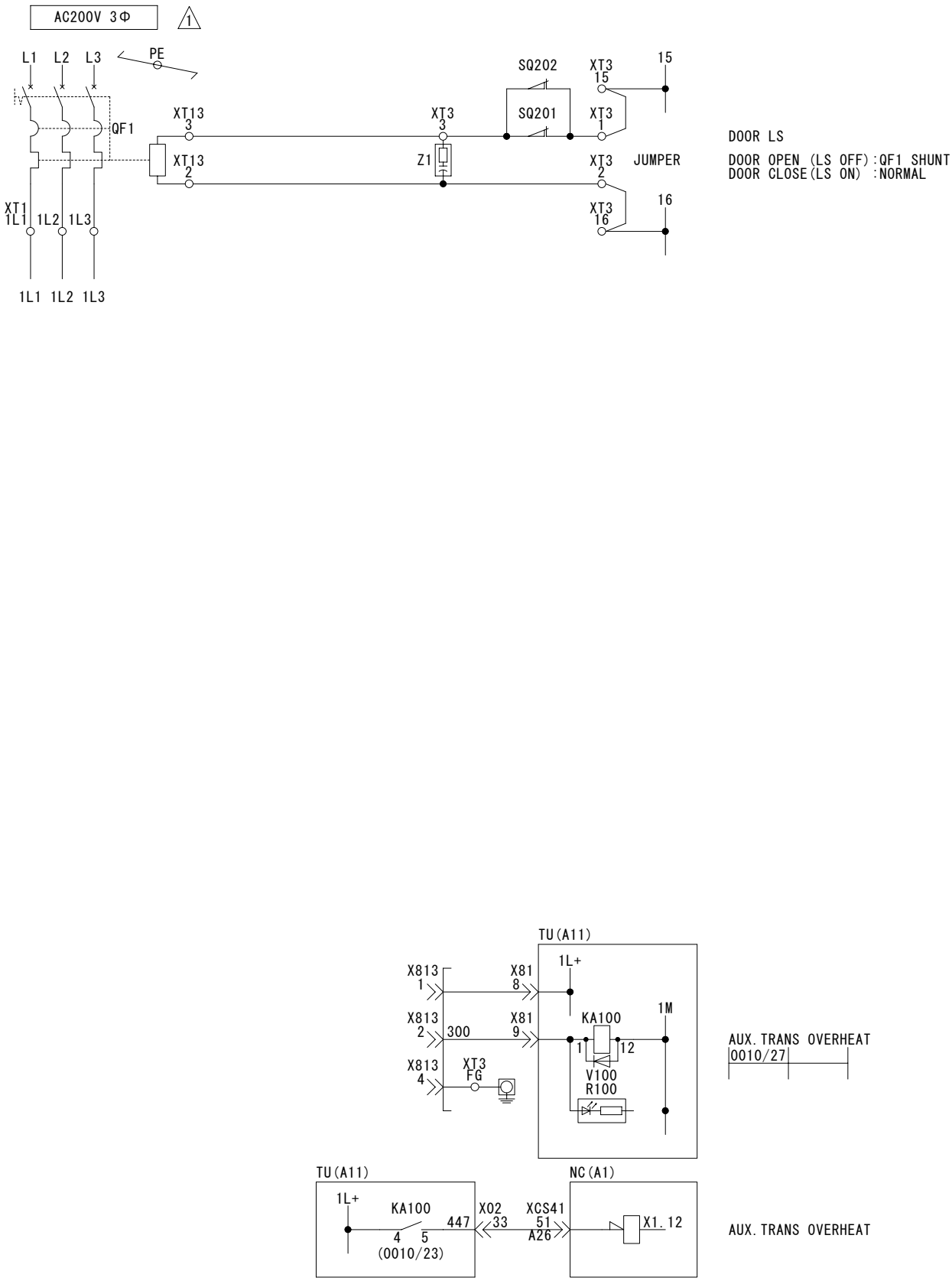

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	MAIN POWER (1)
	H Iryoda	M.Okajima	M.Okajima	
Edition Jan.13.'09 M.Okajima				DRWN NO. 676 007 40011.0

YAMAZAKI MAZAK CORPORATION

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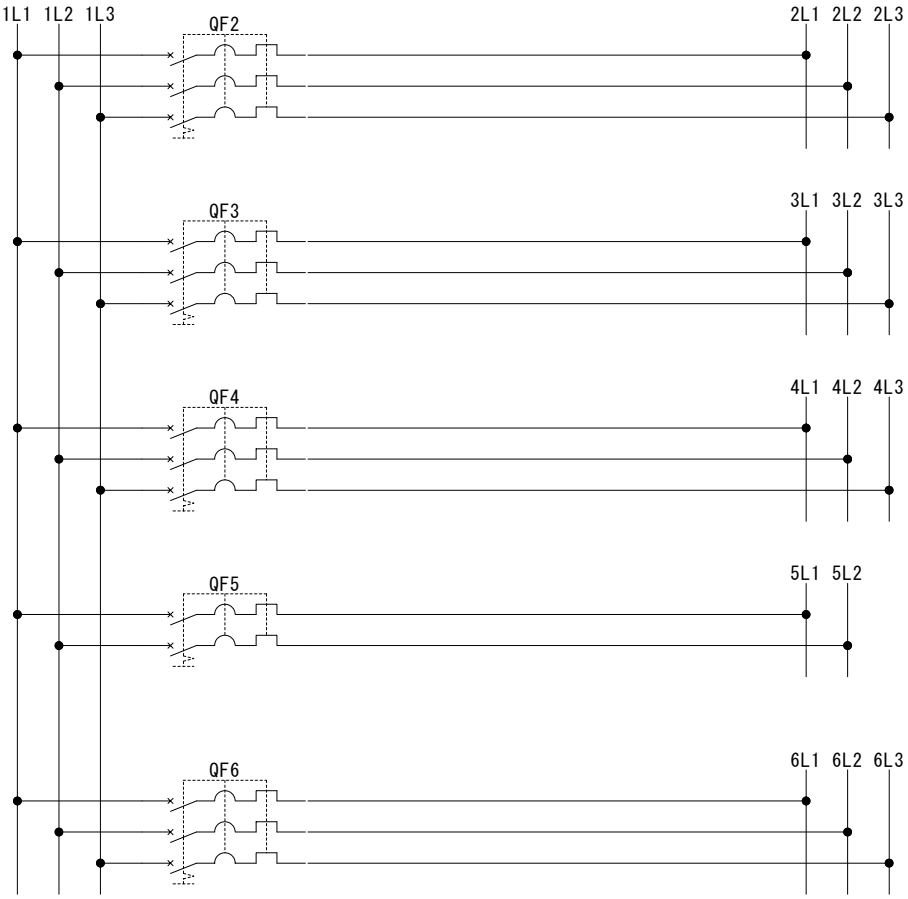

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤	08/03/14	08/03/14	08/03/14	MAIN POWER (2)
④				
③				
②	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40030.0
①				

YAMAZAKI MAZAK CORPORATION

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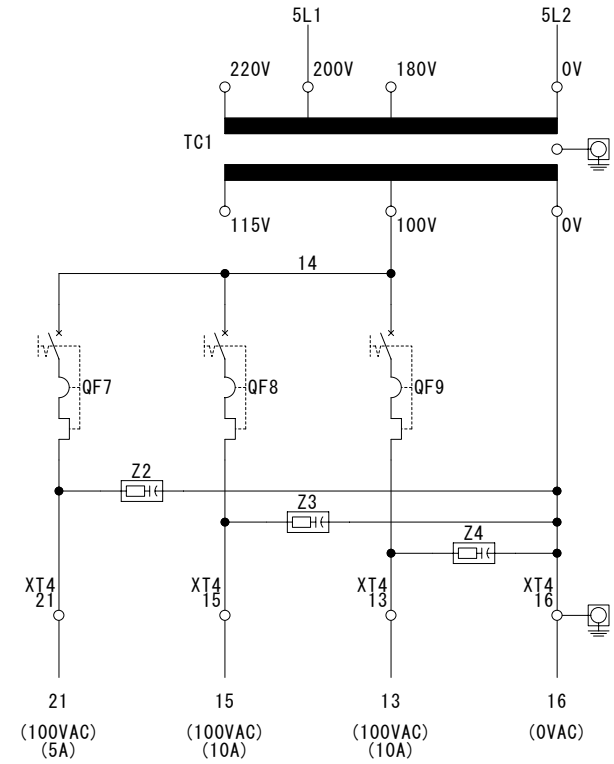
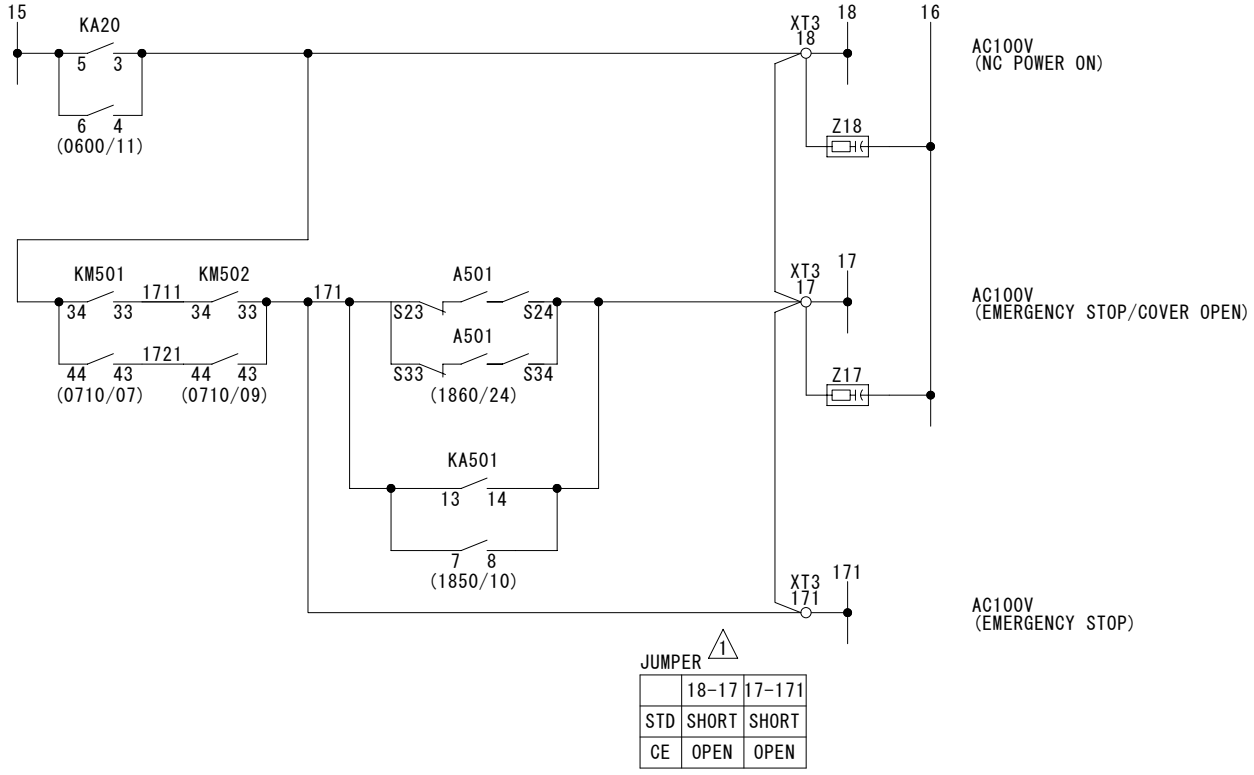


CONNECTION

5L1-5L2	PRIMARY CONNECTION	SECONDARY CONNECTION
180V	5L1-180V 5L2- 0V	100V-14 0V-16
200V	5L1-200V 5L2- 0V	
220V	5L1-220V 5L2- 0V	



JUMPER △1

	18-17	17-171
STD	SHORT	SHORT
CE	OPEN	OPEN

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
△5	08/03/14	08/03/14	08/03/14	CONTROL AC100V
△4				
△3				
△2				
△1 Edition Jan.13.'09 M.Okajima	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40051.0

YAMAZAKI MAZAK CORPORATION

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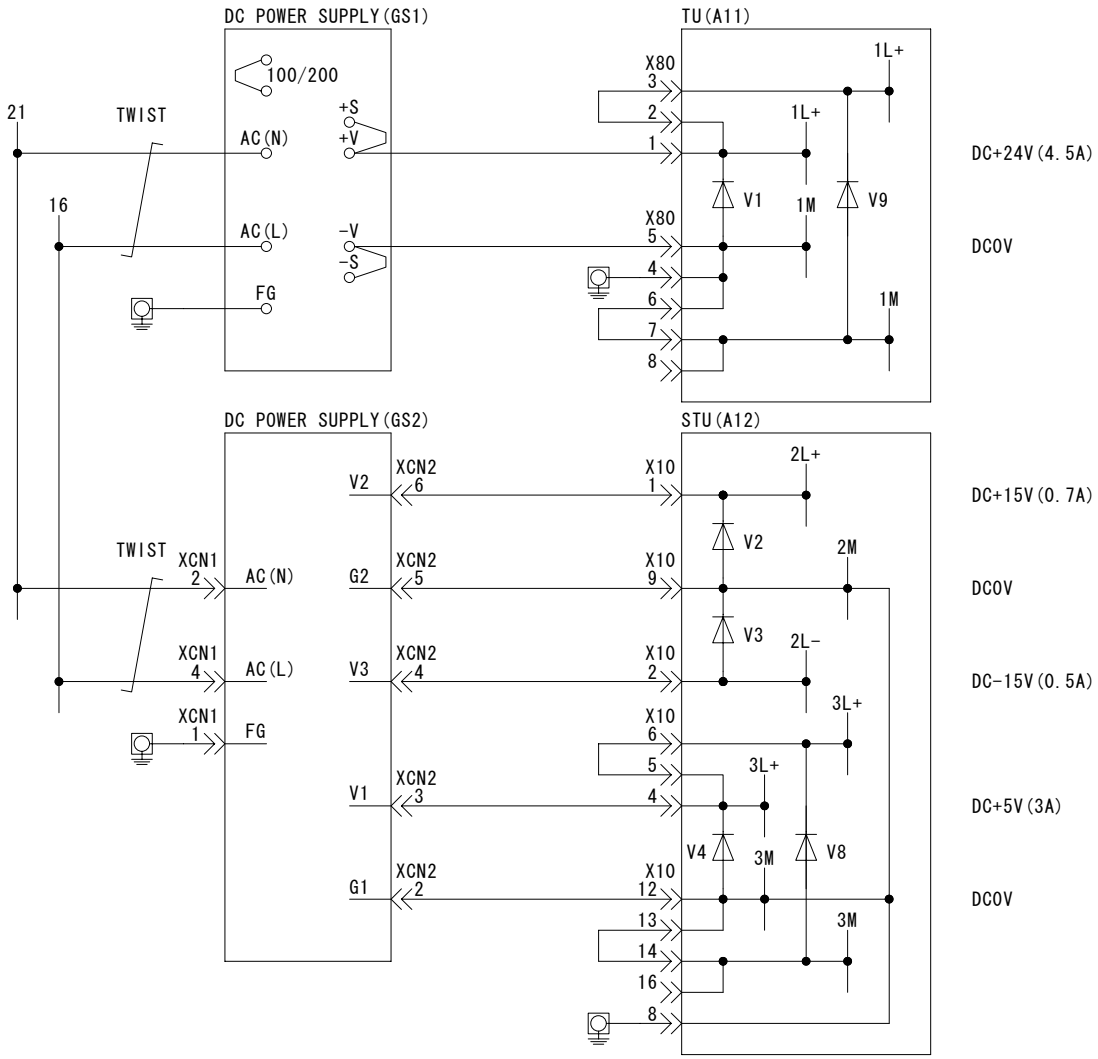

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	DC POWER SUPPLY
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40070.0

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STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	AC100V CIRCUIT
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40100.0

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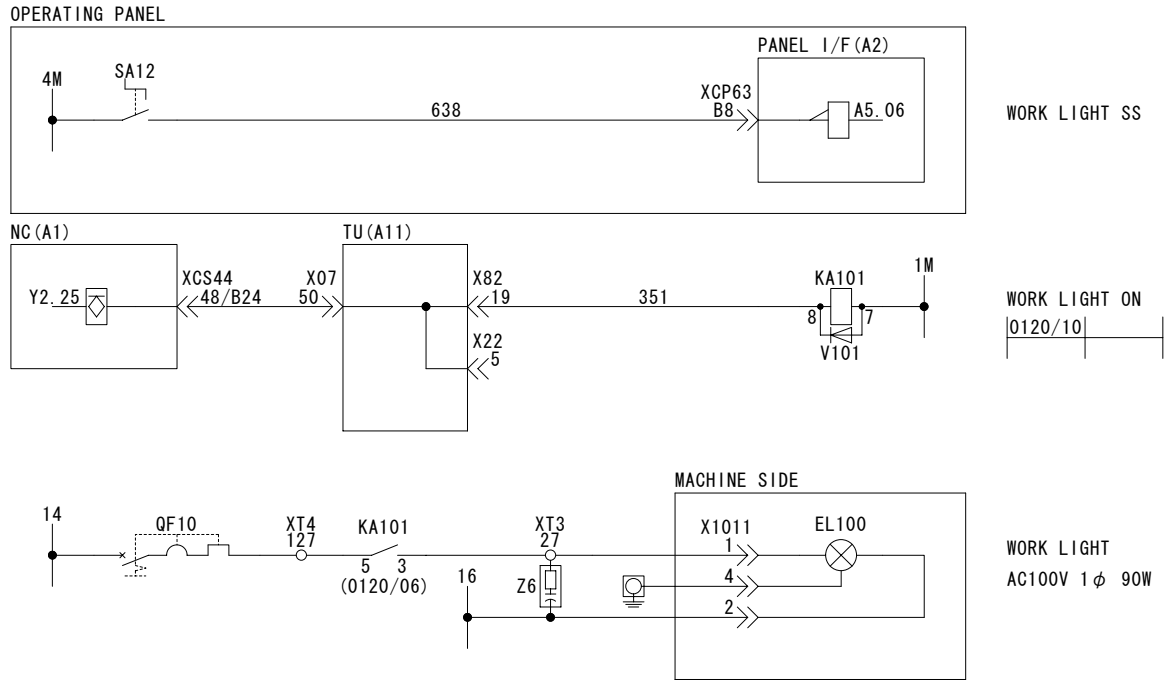

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	WORK LIGHT
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40120.0

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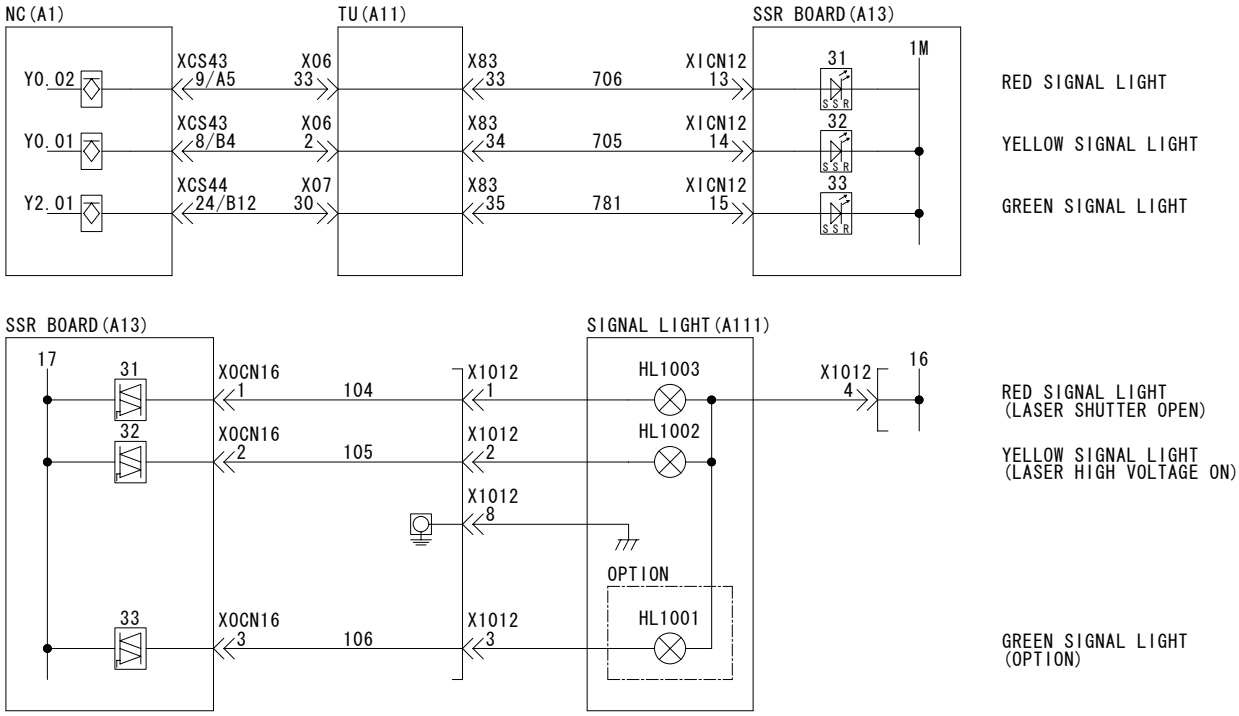

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	SIGNAL LIGHT
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40130.0

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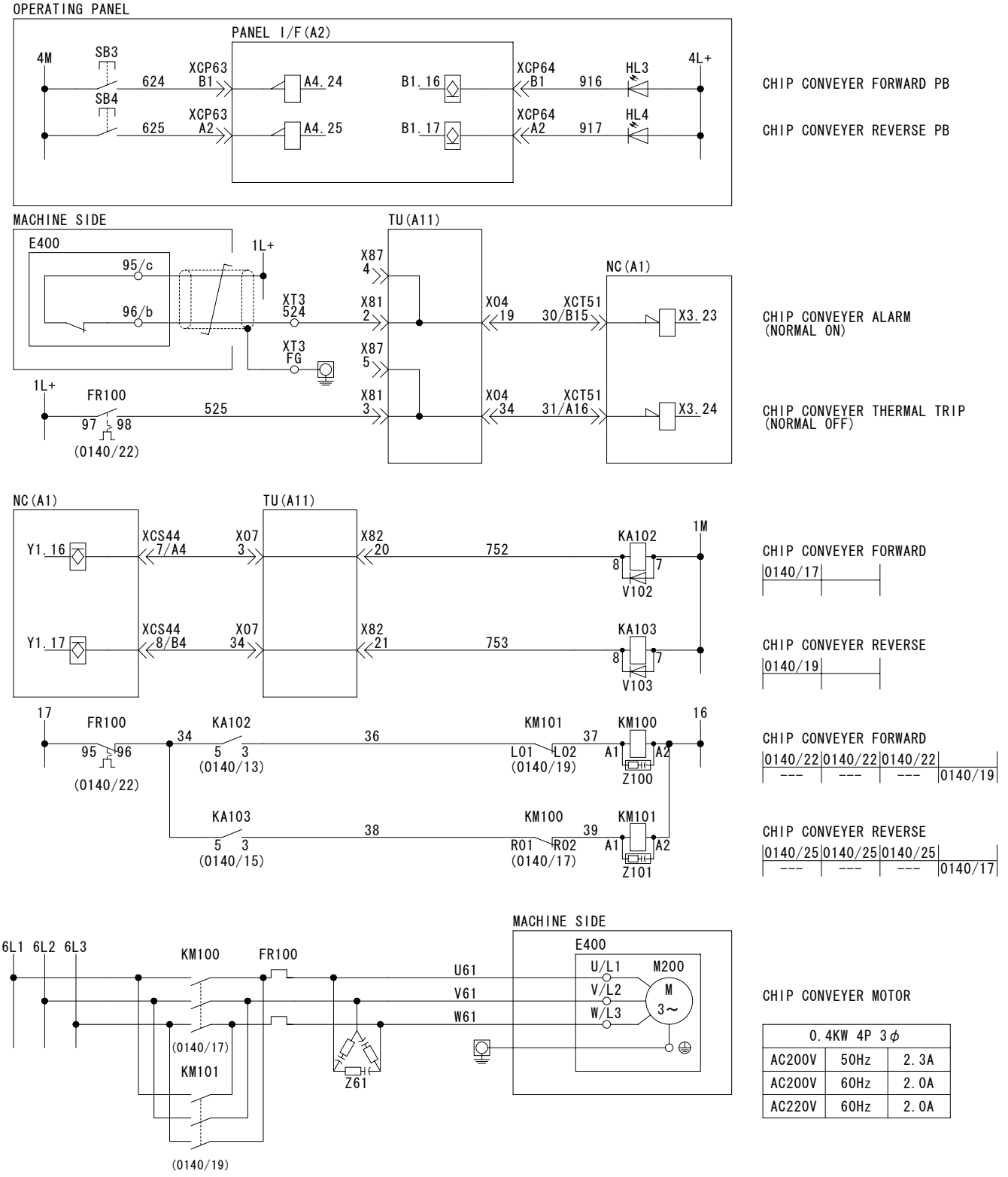

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: CHIP CONVEYER

DRWN NO. 676 007 40140.0

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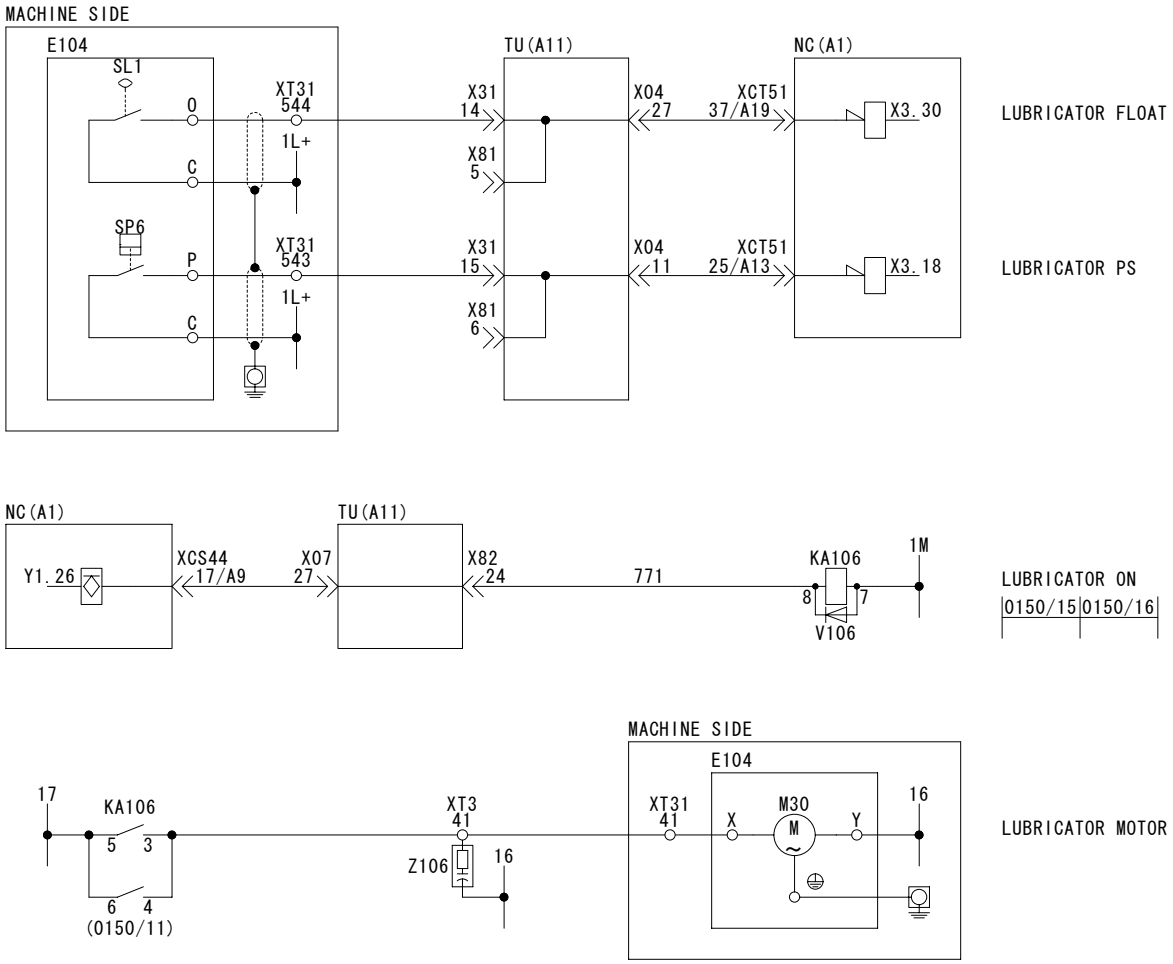

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	LUBRICATOR (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40150.0

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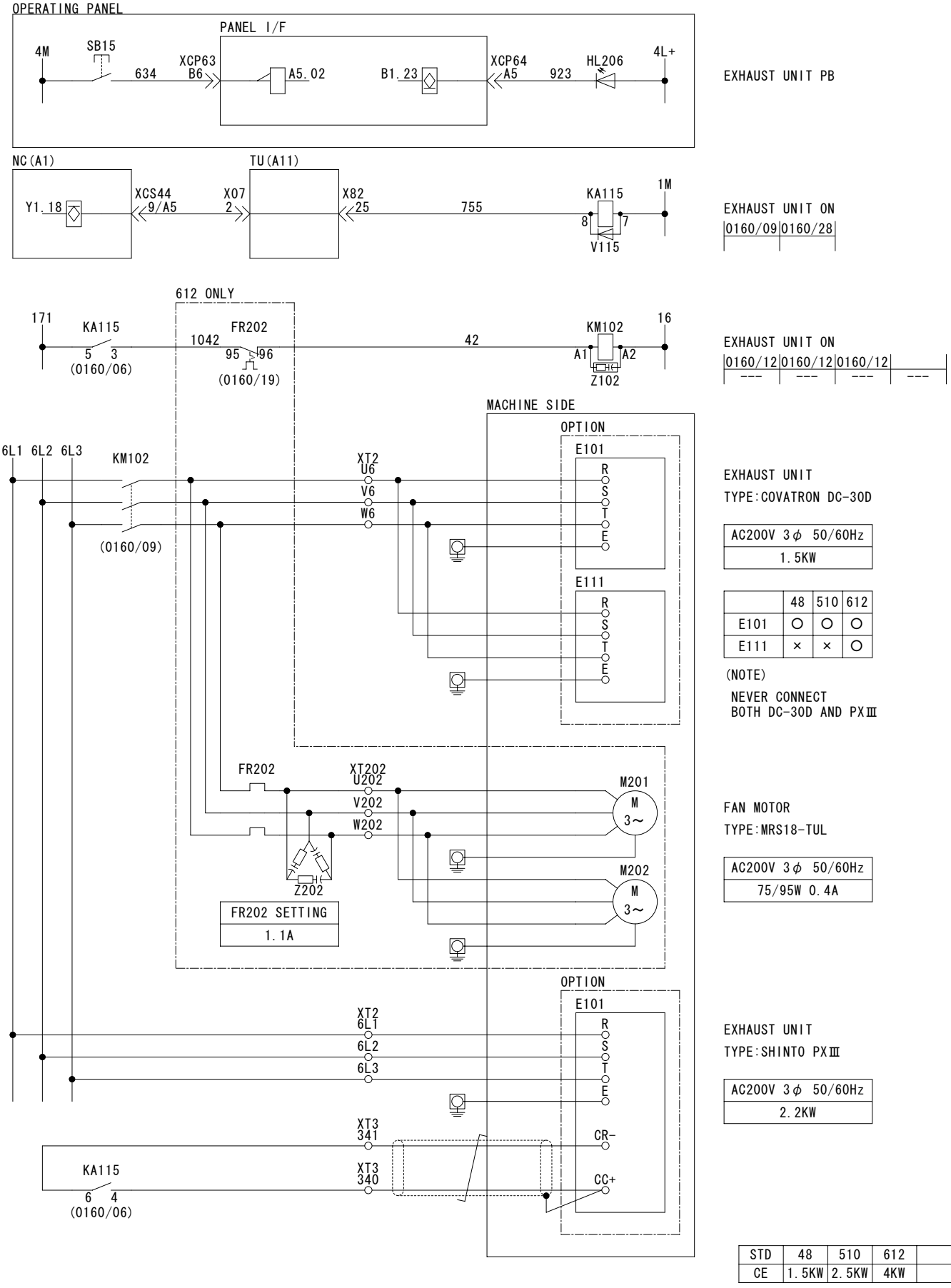

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: EXHAUST UNIT

DRWN NO. 676 007 40160.0

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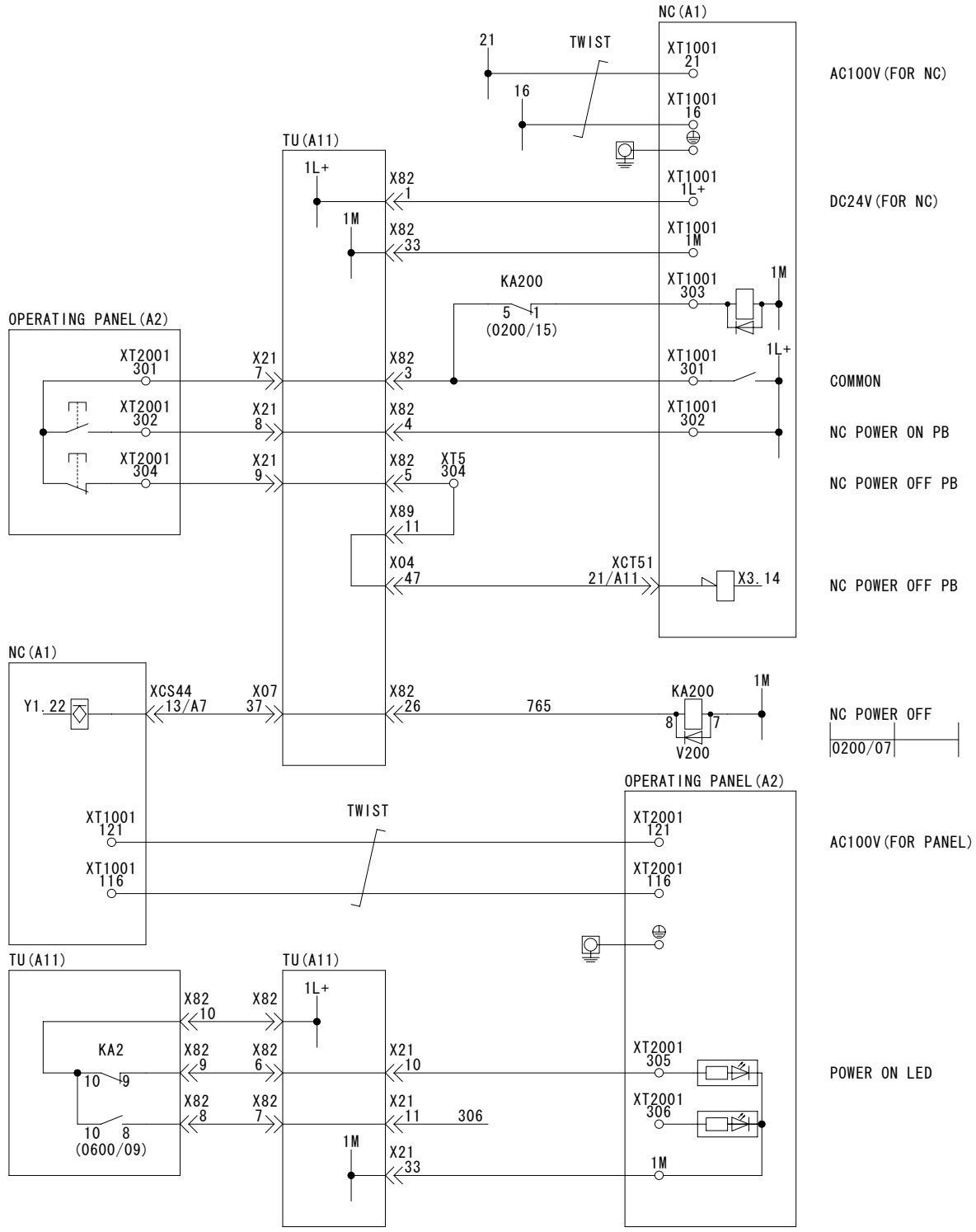

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NC POWER UNIT
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40200.0

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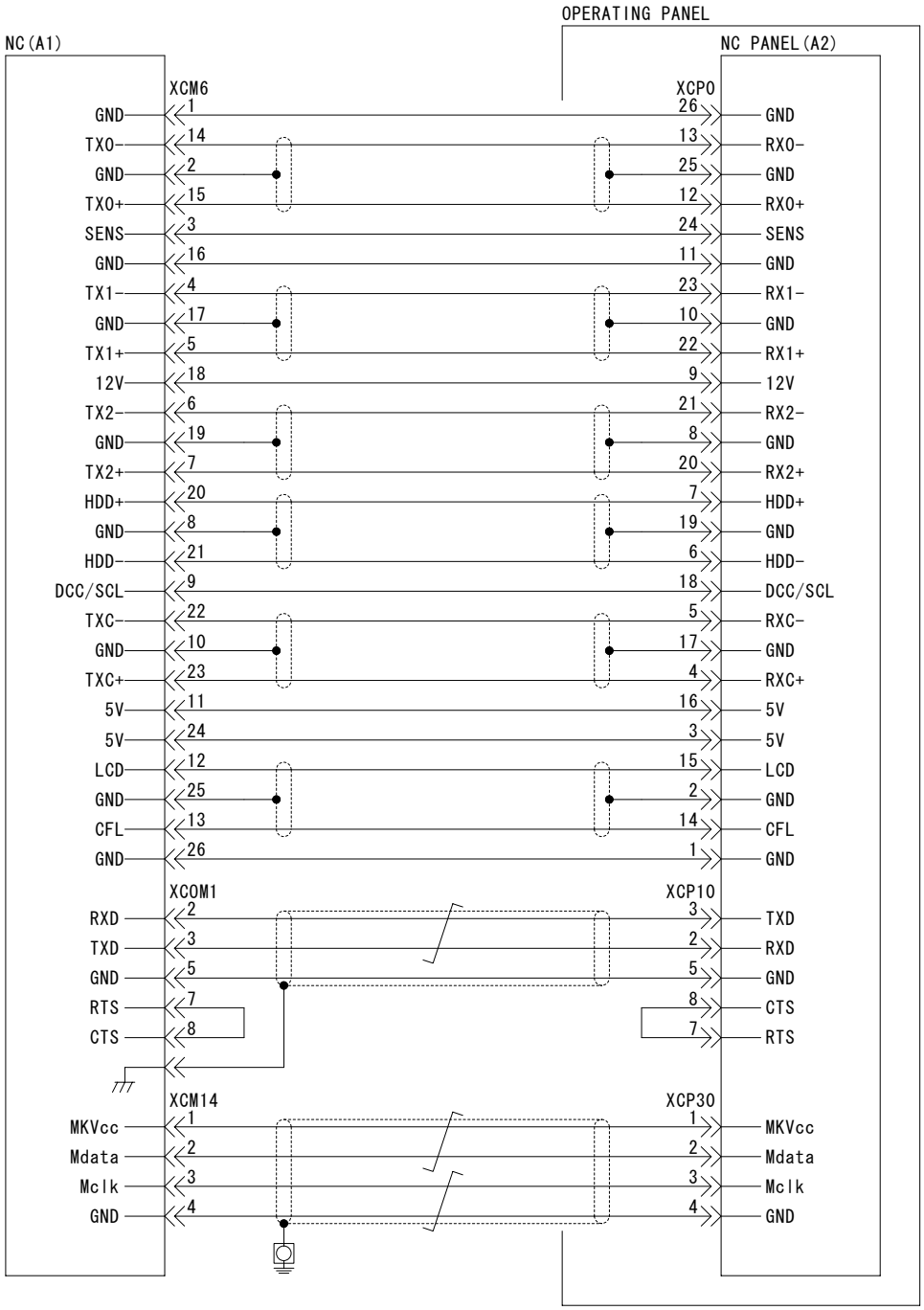

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NC OPERATING PANEL INTERFACE
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40210.0

YAMAZAKI MAZAK CORPORATION

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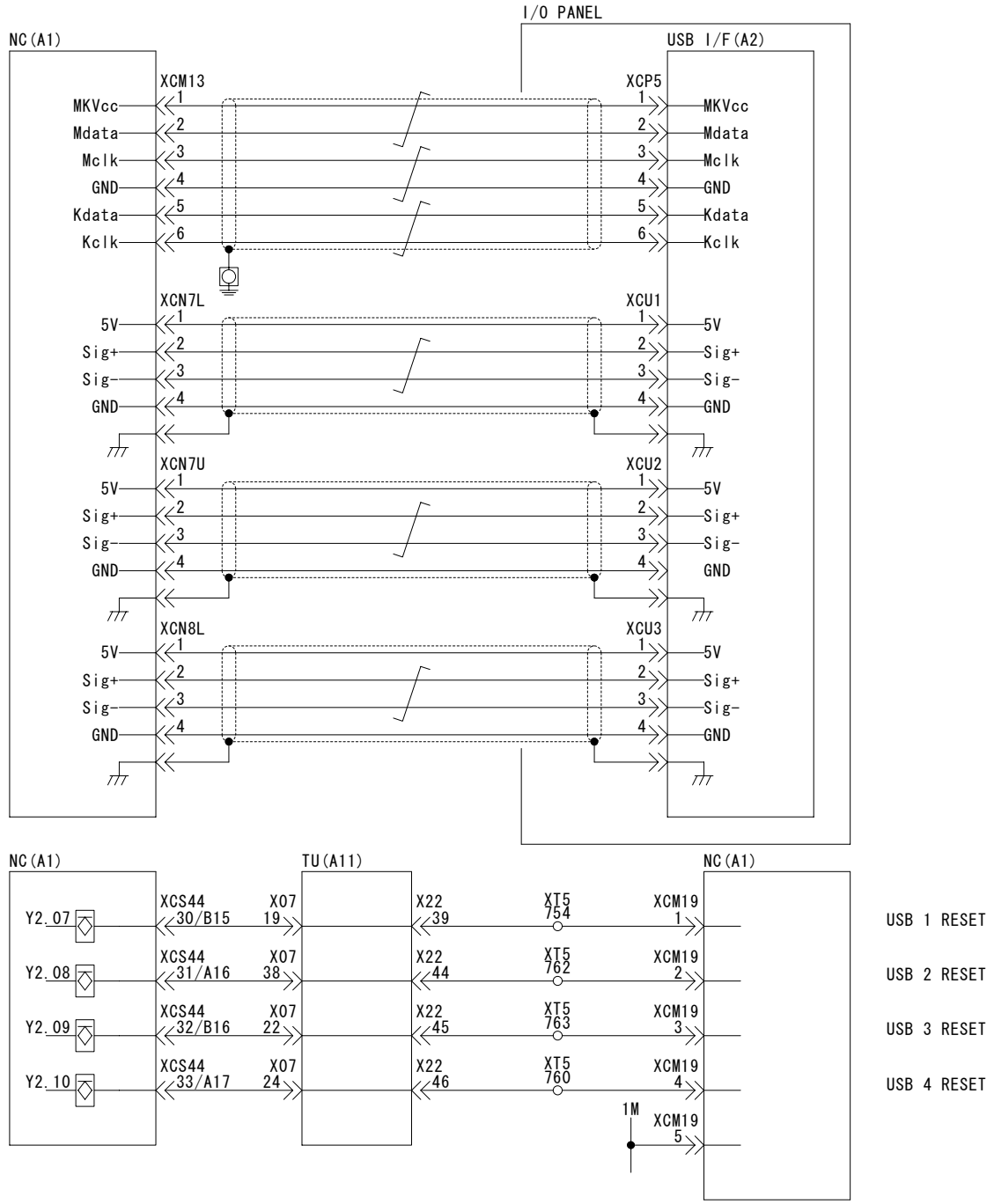

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	USB INTERFACE
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40220.0

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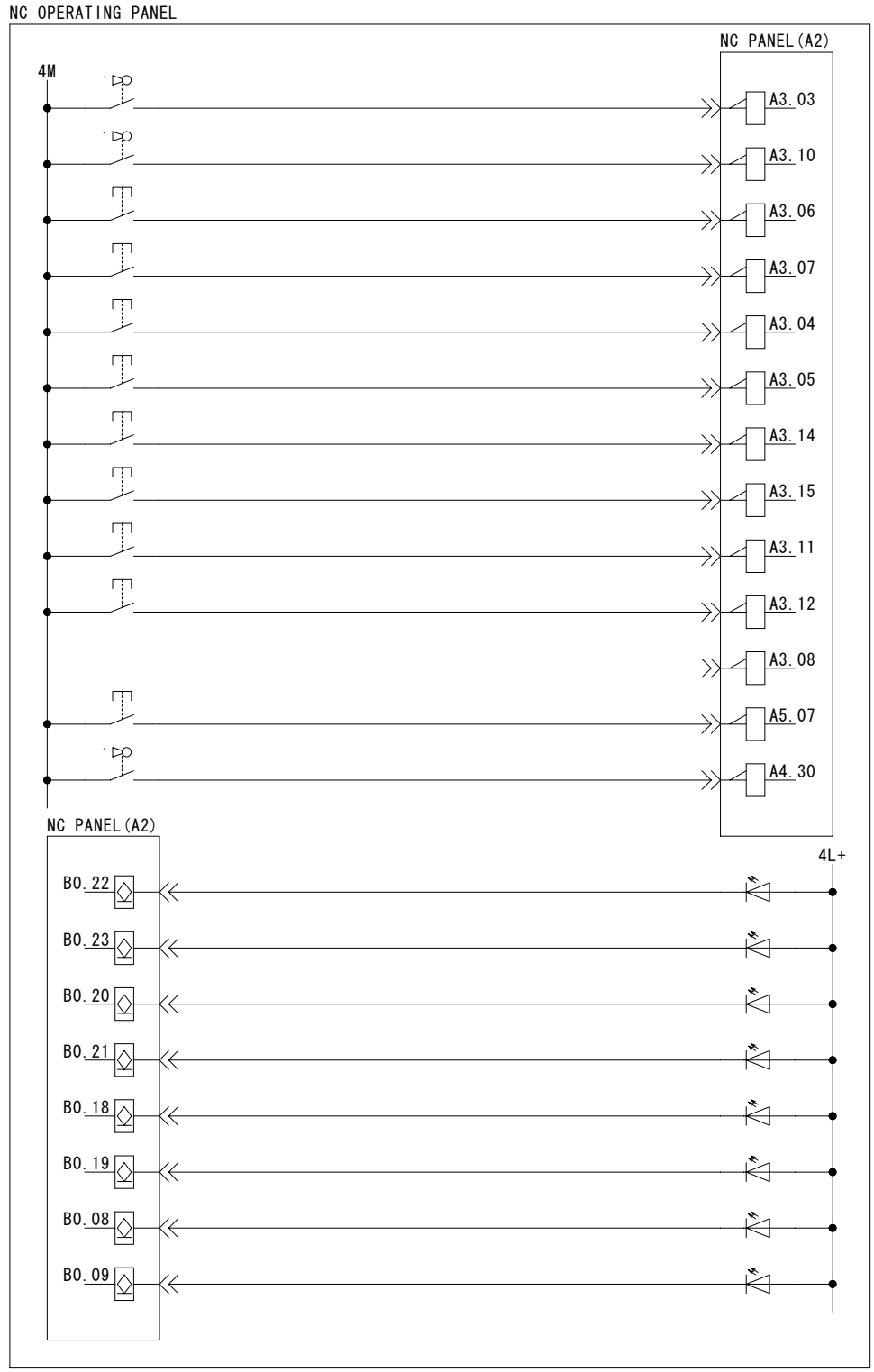

LASER MASTER KEY

LASER SHUTTER OPEN KEY

LASER POWER ON PB

LASER POWER OFF PB

LASER HIGH VOLTAGE ON PB

LASER HIGH VOLTAGE OFF PB

LASER DISCHARGE ON PB

LASER DISCHARGE OFF PB

ASSIST GAS ON PB

ASSIST GAS OFF PB

POINTER KEY
(NOT USED)

PERMISSION PB

SETUP KEY

LASER POWER ON LED

LASER POWER OFF LED

LASER HIGH VOLTAGE ON LED

LASER HIGH VOLTAGE OFF LED

LASER DISCHARGE ON LED

LASER DISCHARGE OFF LED

ASSIST GAS ON LED

ASSIST GAS OFF LED

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NC OPERATING SWITCH(1)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40250.0

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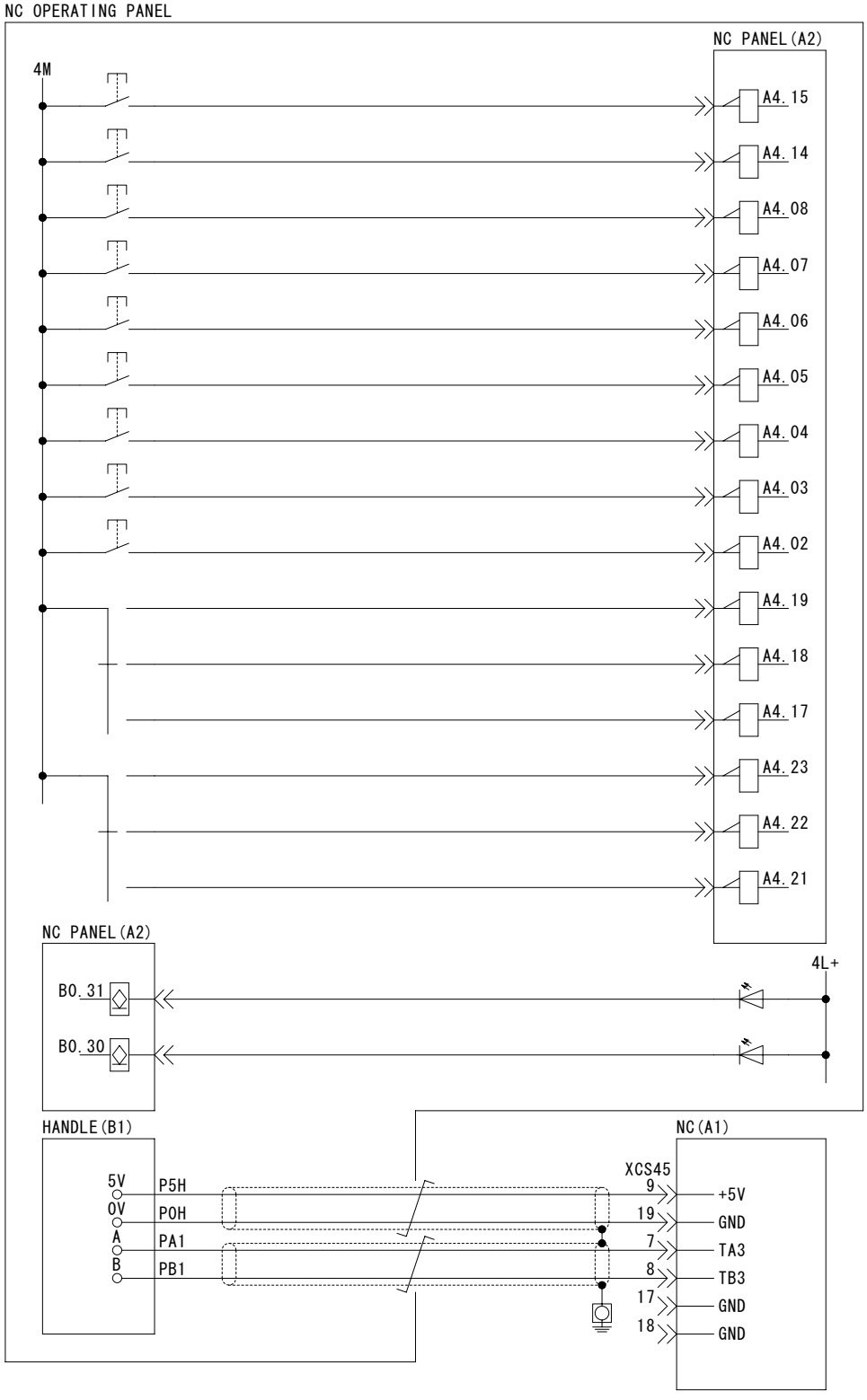

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NC OPERATING SWITCH(2)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40260.0

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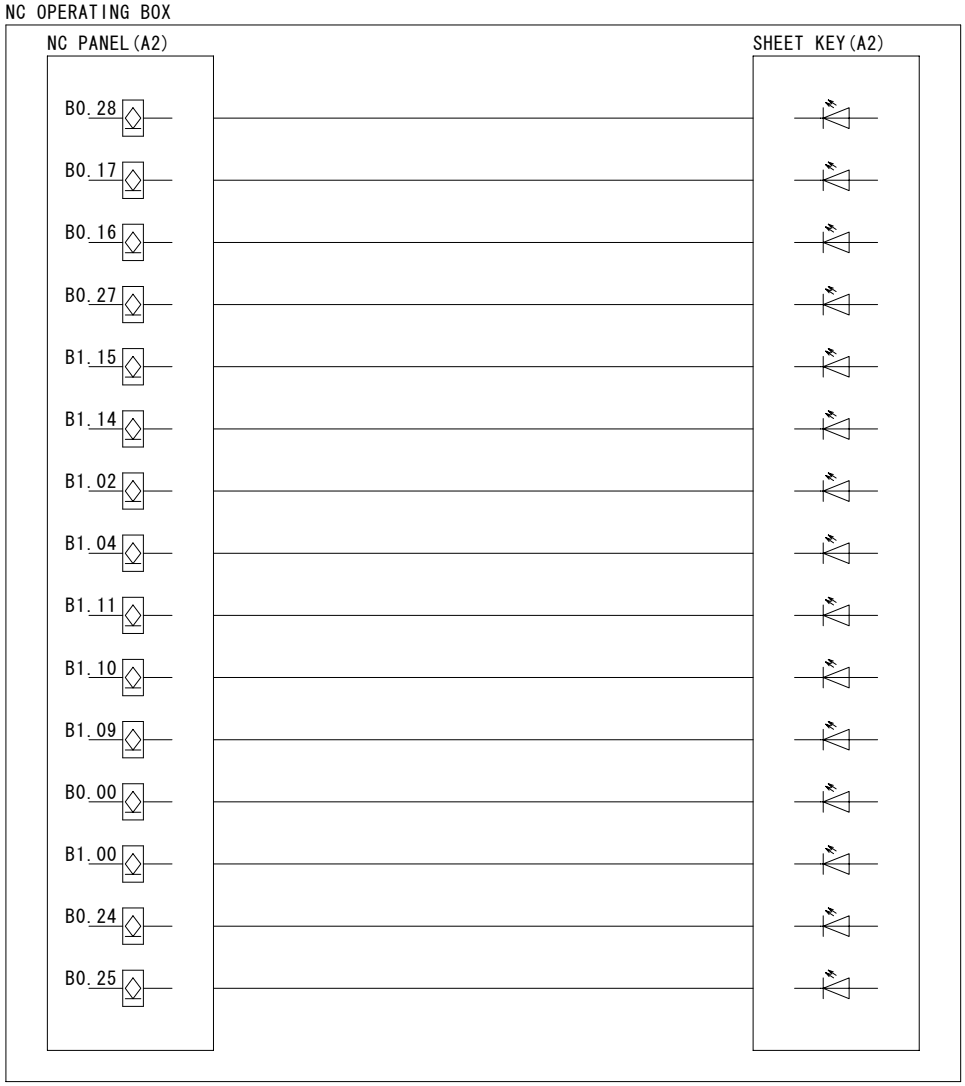

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NC OPERATING SWITCH(3)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40270.0

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STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NC OPERATING SWITCH(4)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40280.0

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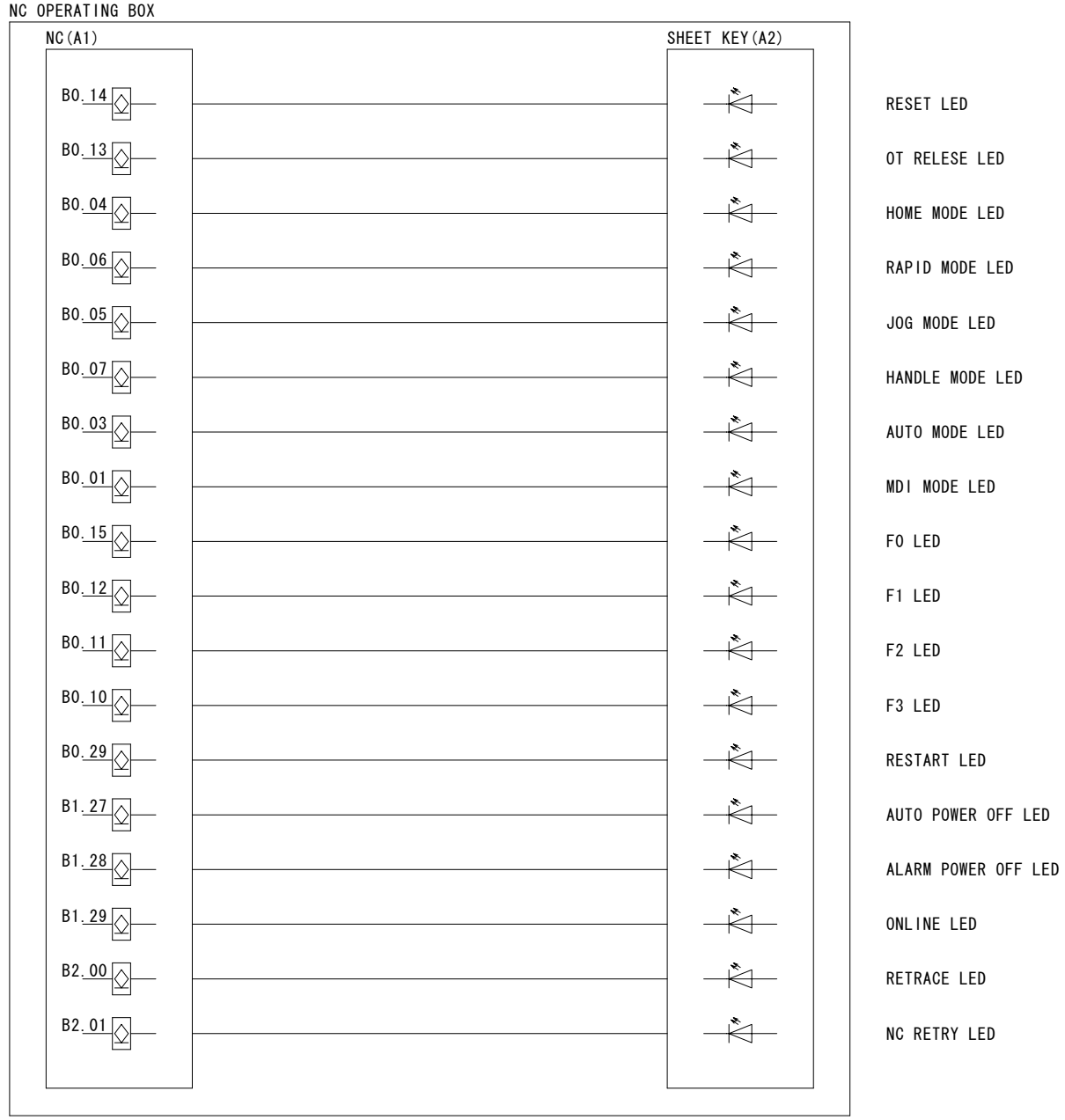

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NC OPERATING SWITCH(5)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40290.0

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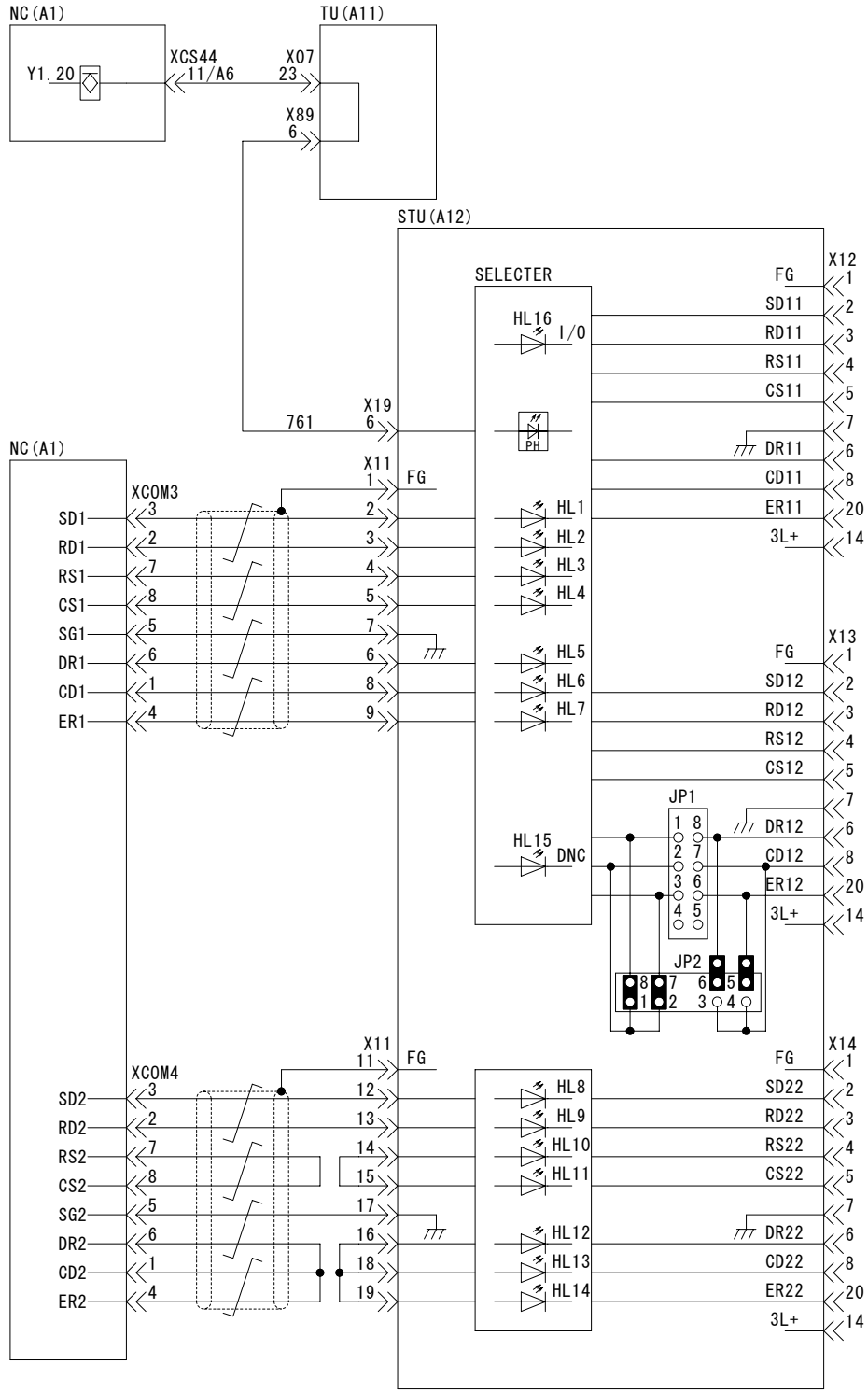

I/O PORT SELECT
OFF:PROGRAM I/O PORT
ON :DNC PORT

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	DNC INTERFACE (OPTION)
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40310.0

YAMAZAKI MAZAK CORPORATION

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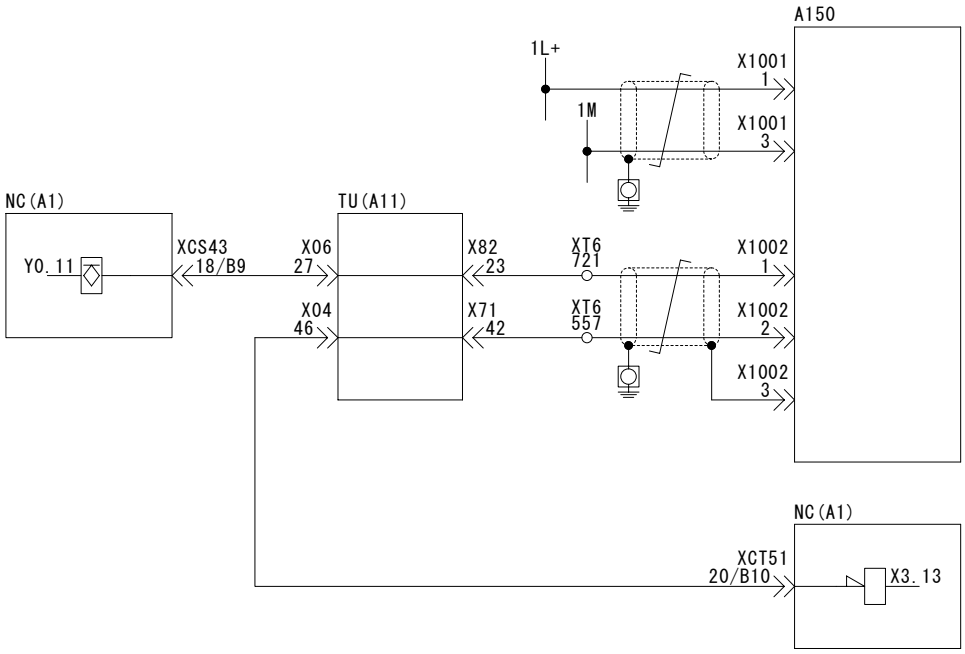
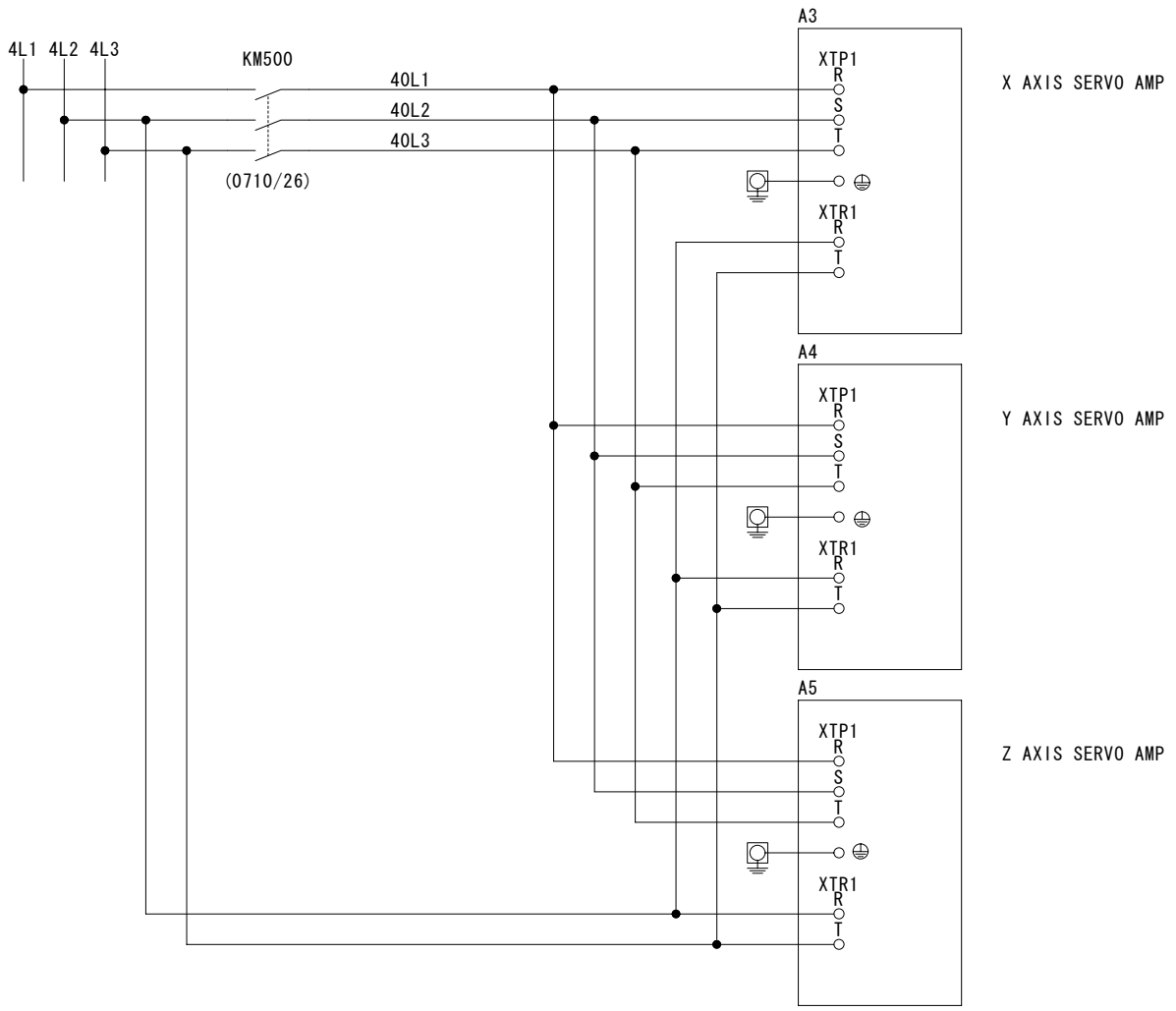


STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/05/28	08/05/28	08/05/28	Mazak IHC NEKUST ESI
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40350.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤	08/03/14	08/03/14	08/03/14	SERVO AMP POWER CONNECTION
④	H Iryoda	M.Okajima	M.Okajima	
③				DRWN NO. 676 007 40400.0
②				
①				

Mazak
YAMAZAKI MAZAK CORPORATION

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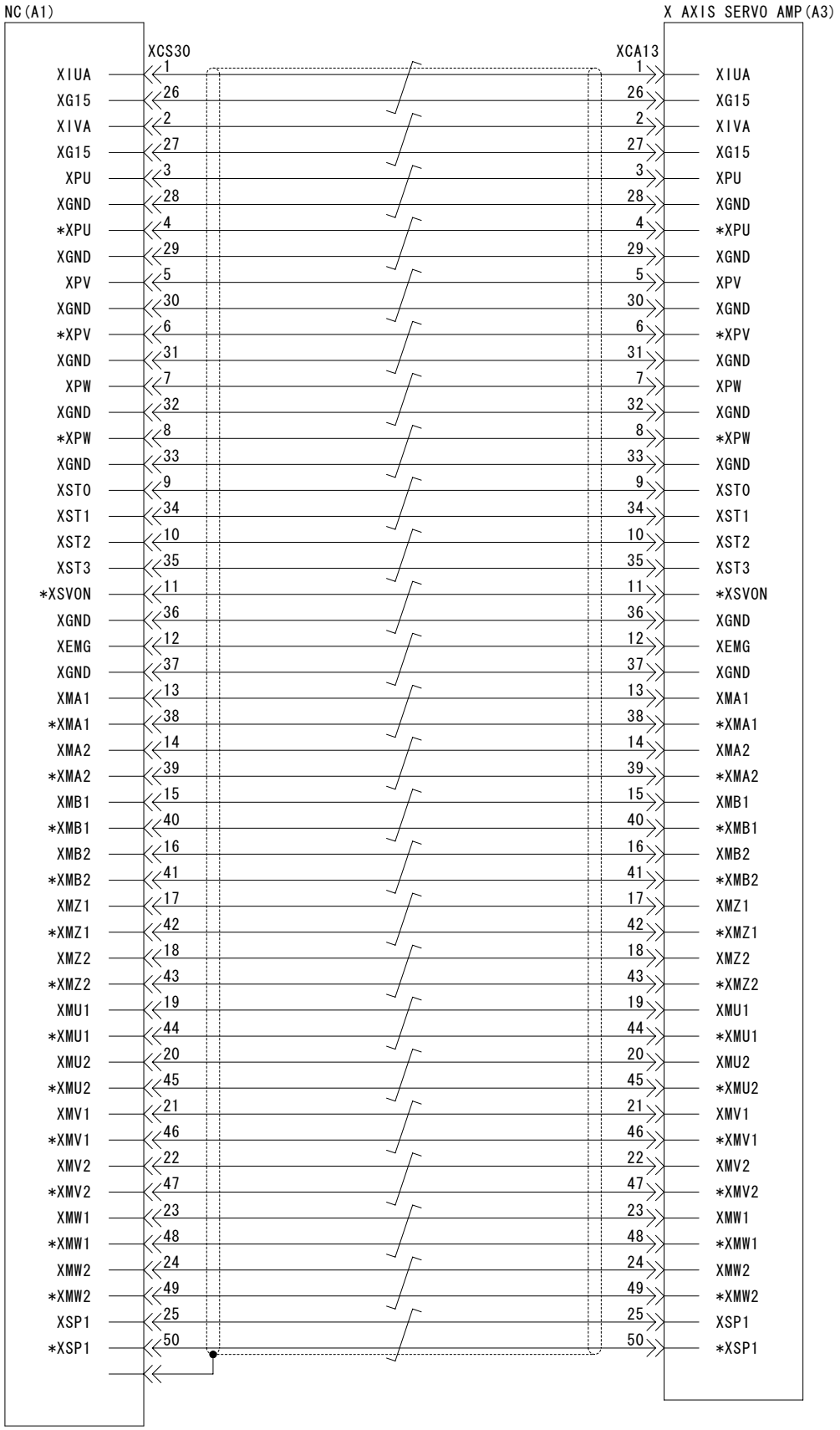

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	X AXIS SERVO AMP
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40450.0

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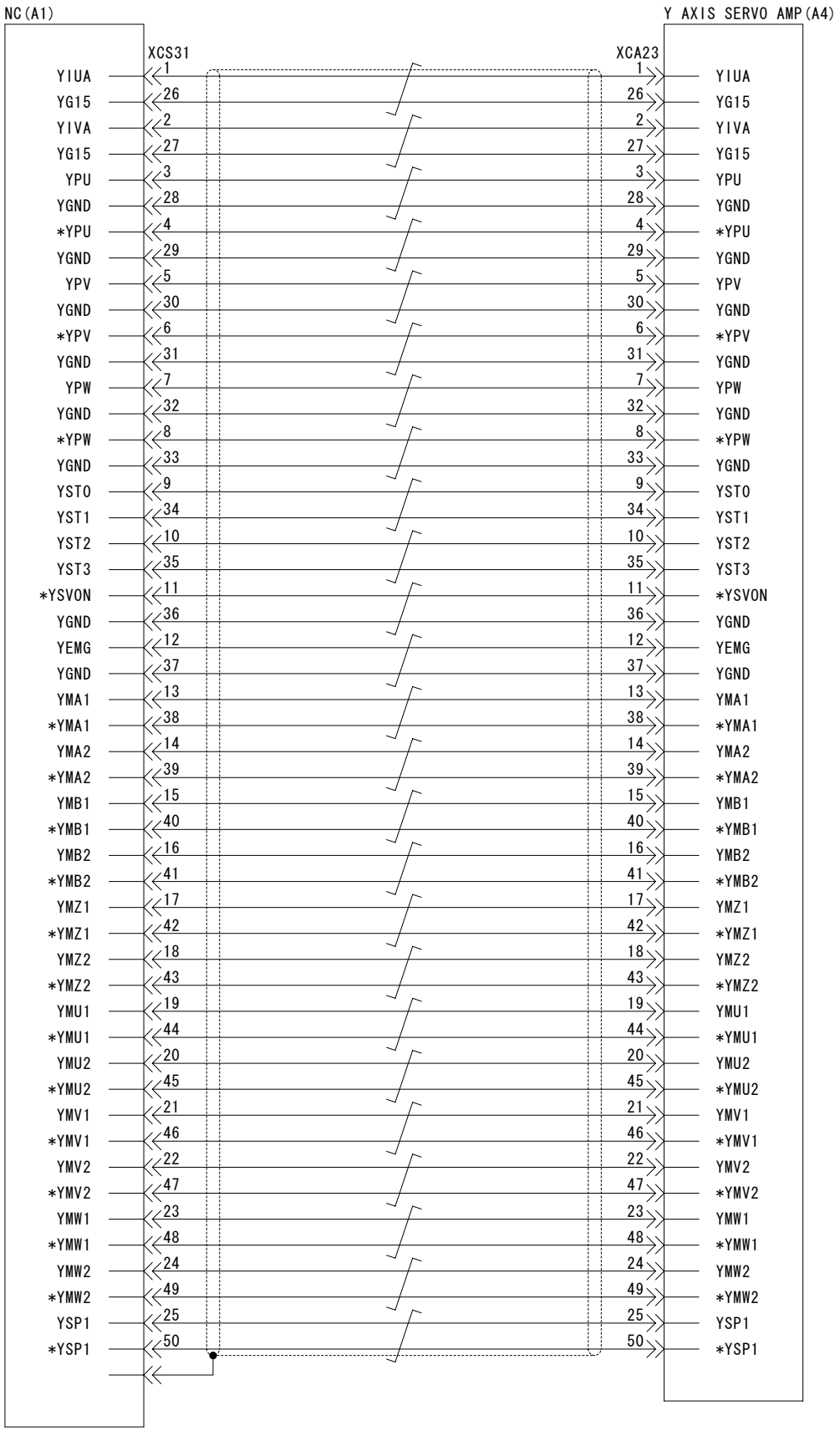

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	Y AXIS SERVO AMP
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40460.0

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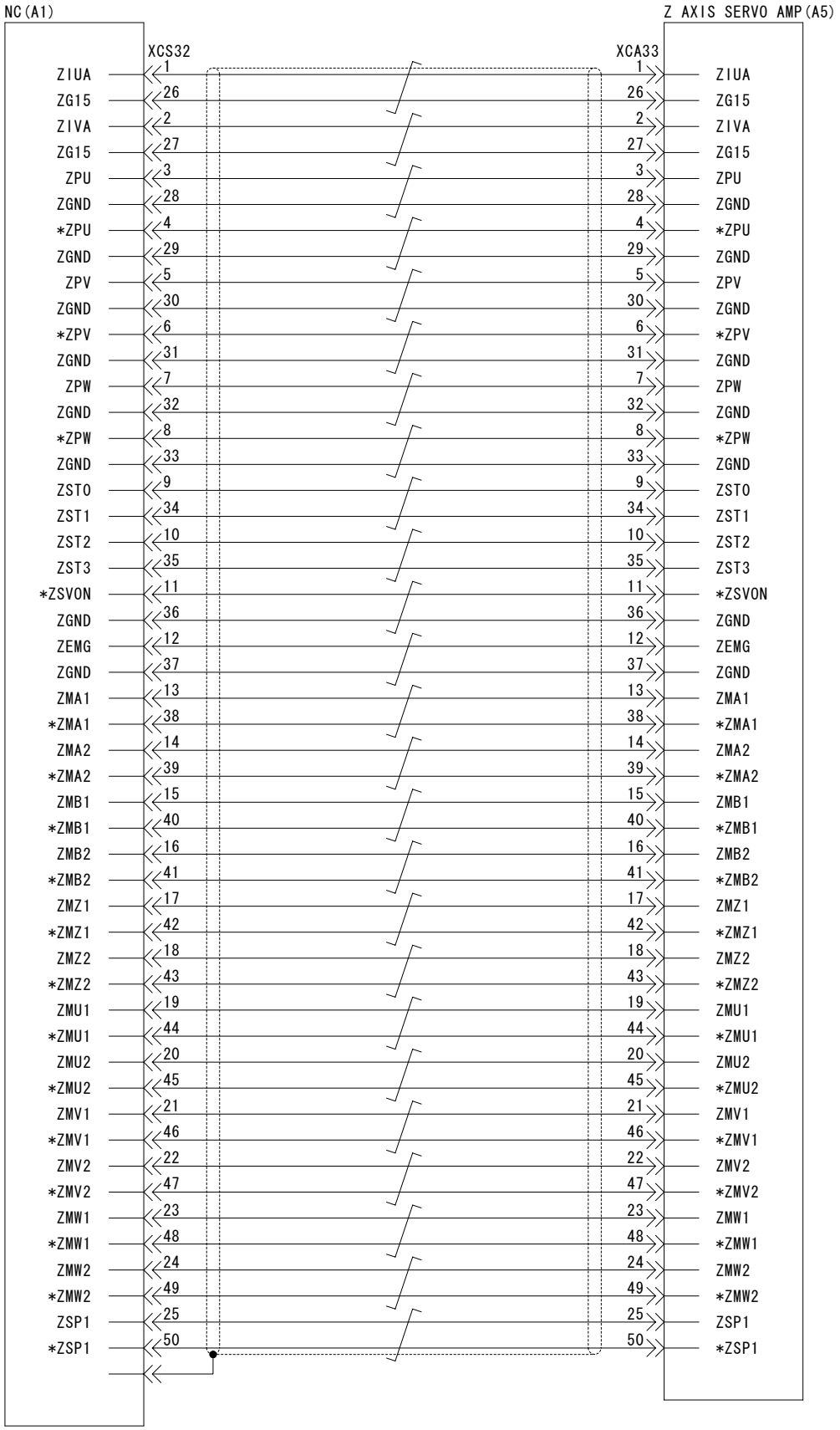

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	Z AXIS SERVO AMP
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40470.0

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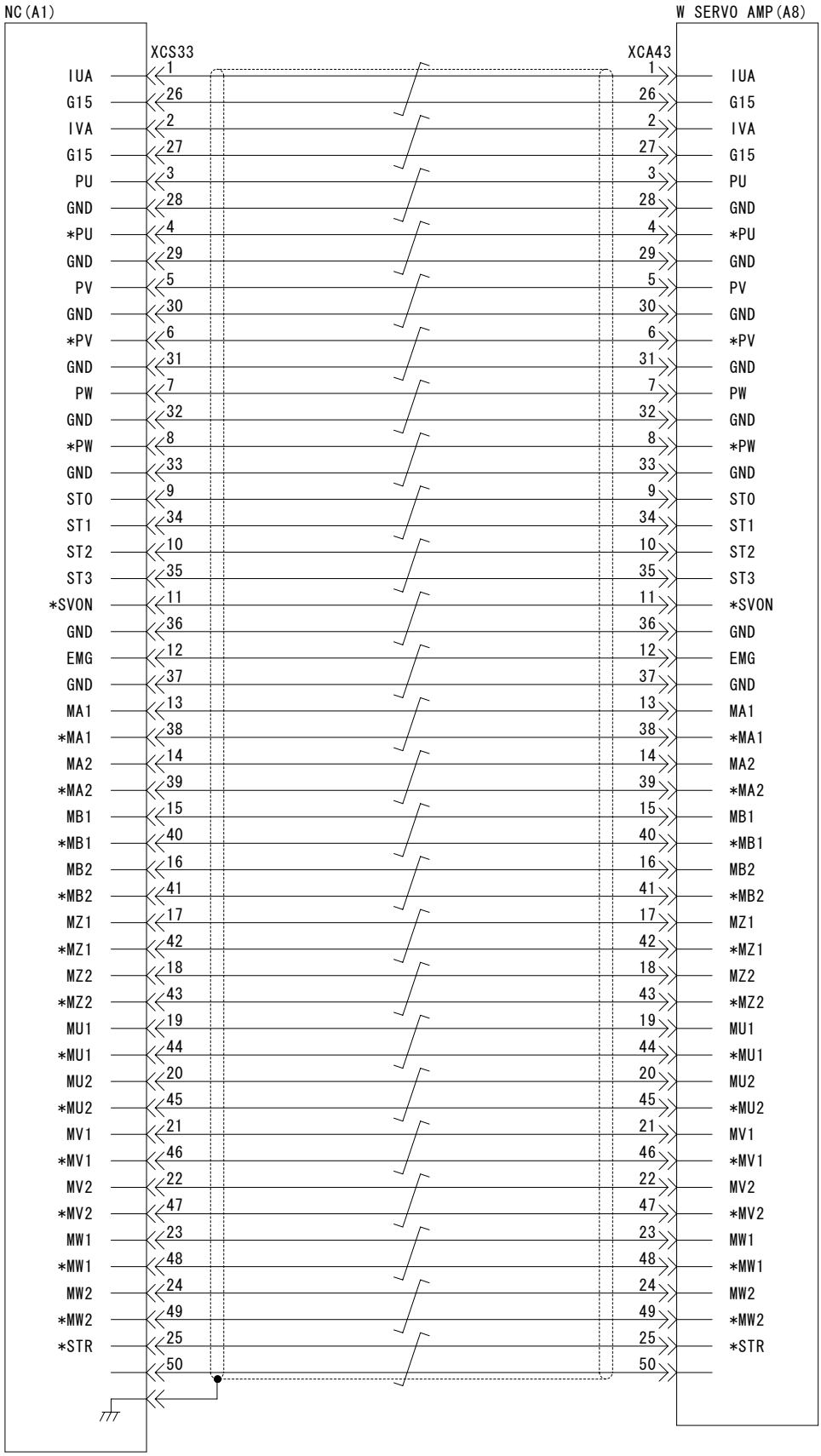

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	09/01/15	09/01/15	09/01/15	W AXIS SERVO AMP (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40480.0

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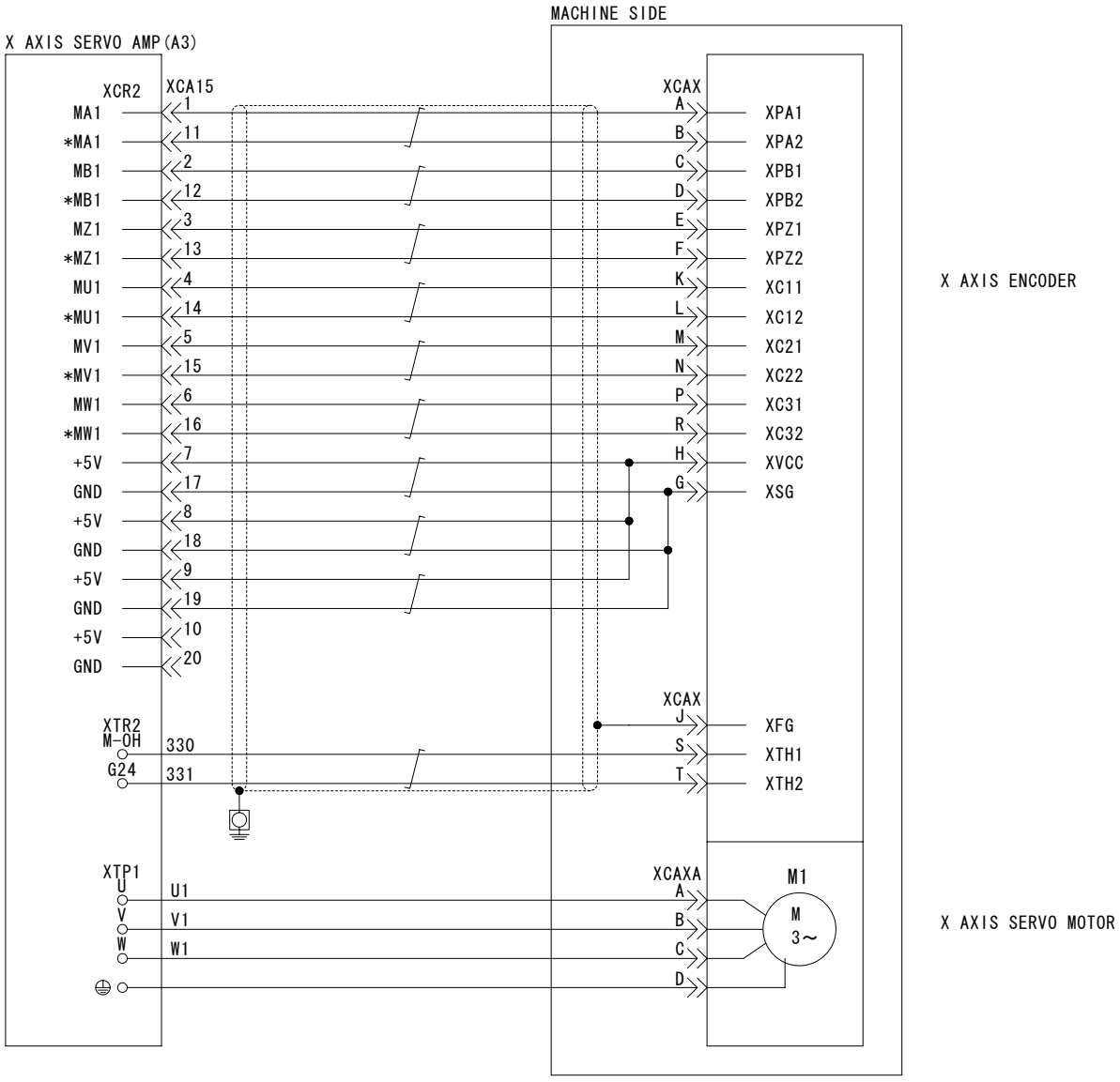

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	X AXIS SERVO MOTOR
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40500.0

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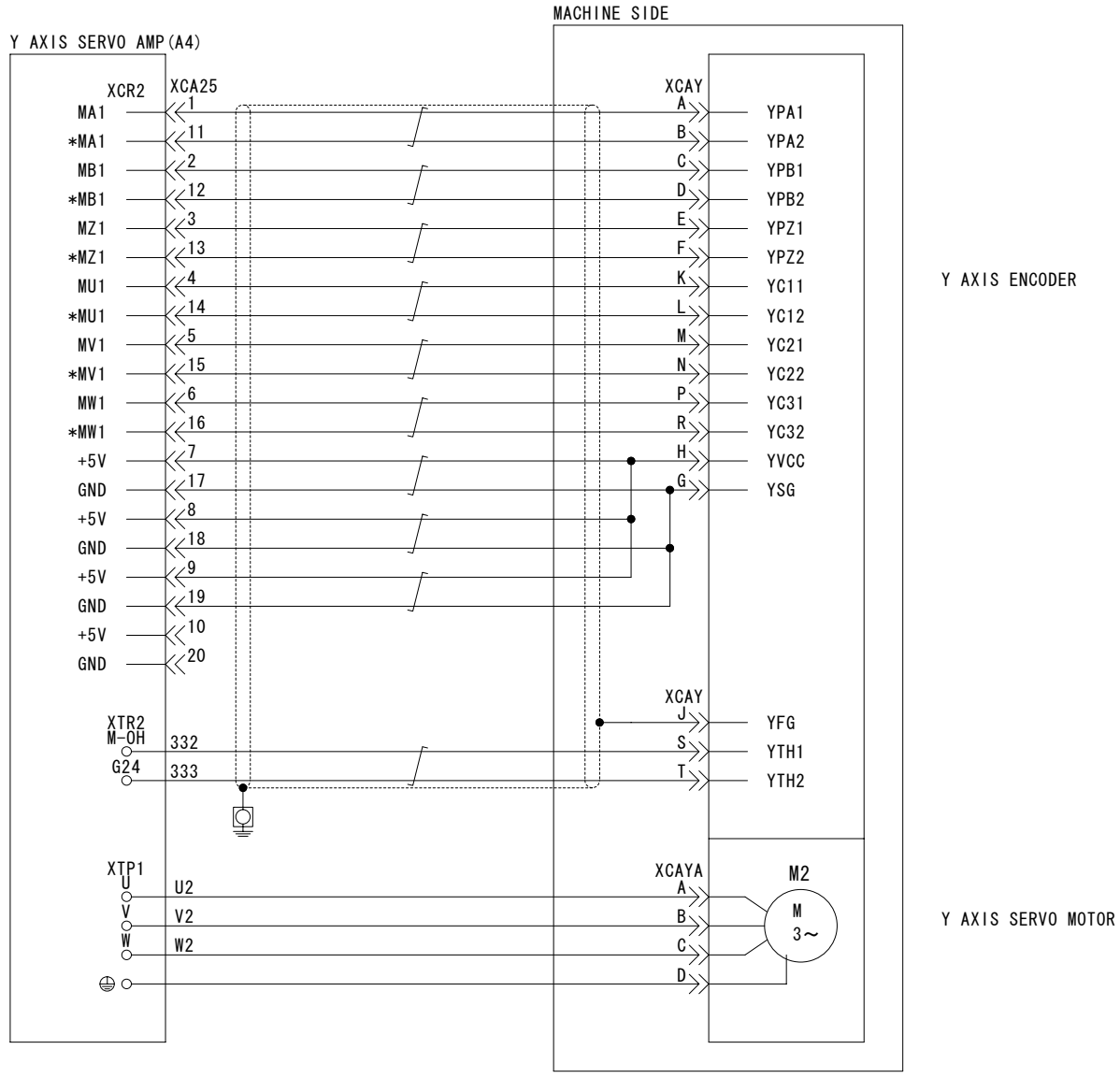

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	Y AXIS SERVO MOTOR
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40510.0

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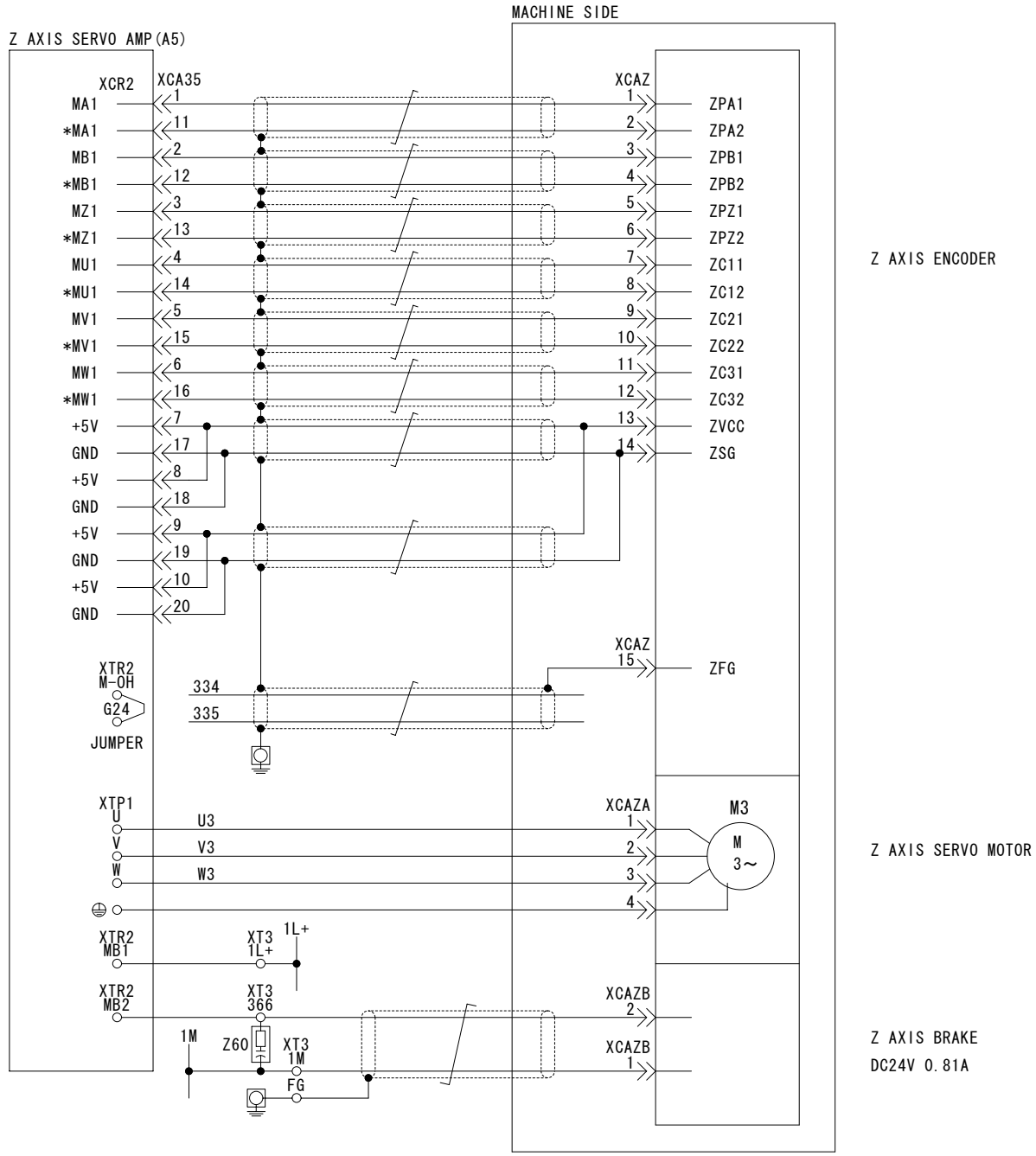

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: Z AXIS SERVO MOTOR

DRWN NO. 676 007 40520.0

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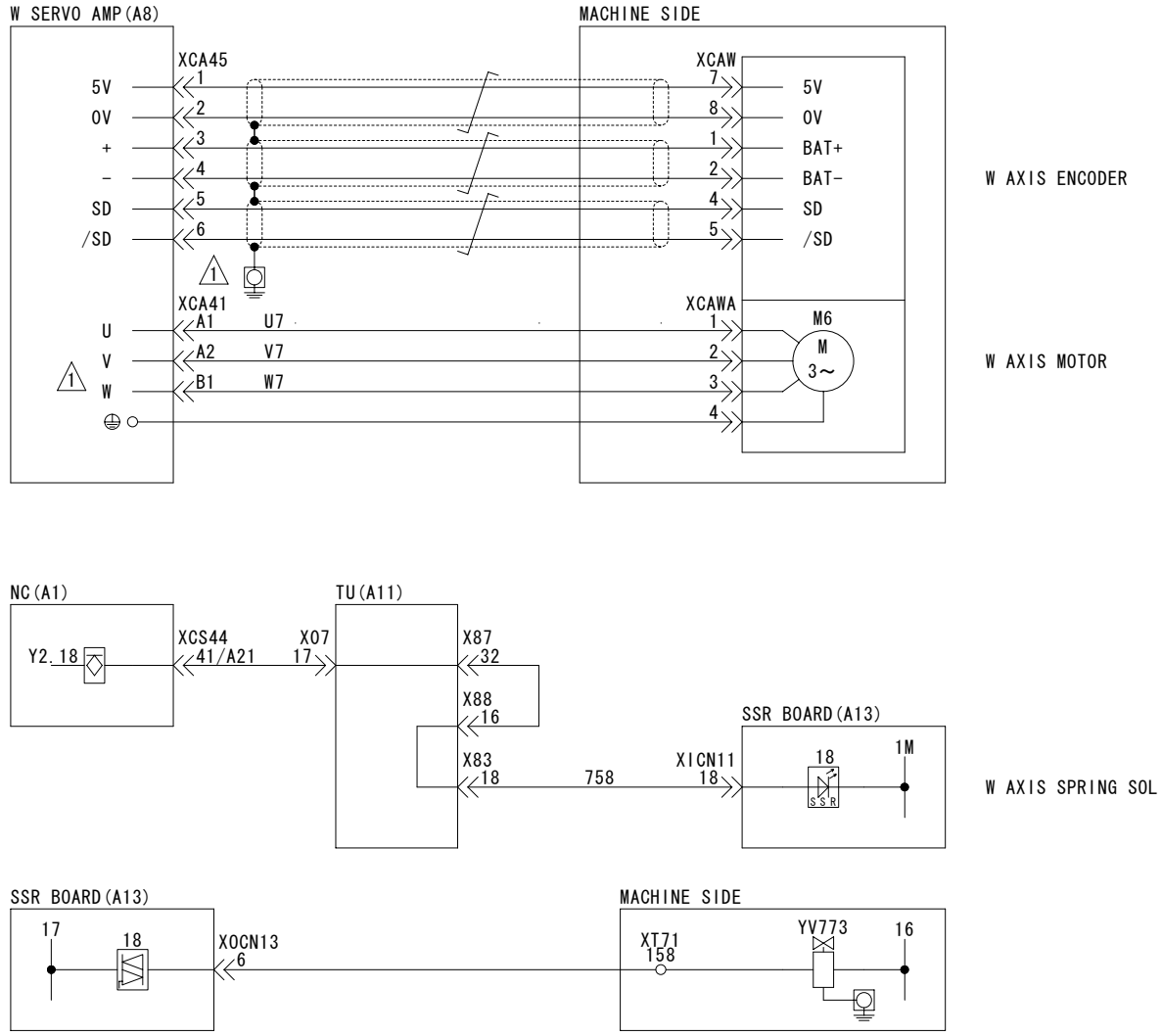

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	09/01/15	09/01/15	09/01/15	W AXIS MOTOR
	H Iryoda	M.Okajima	M.Okajima	
△1 Edition Jul.08.'09 S.Yamasaki				DRWN NO. 676 007 40531.0

YAMAZAKI MAZAK CORPORATION

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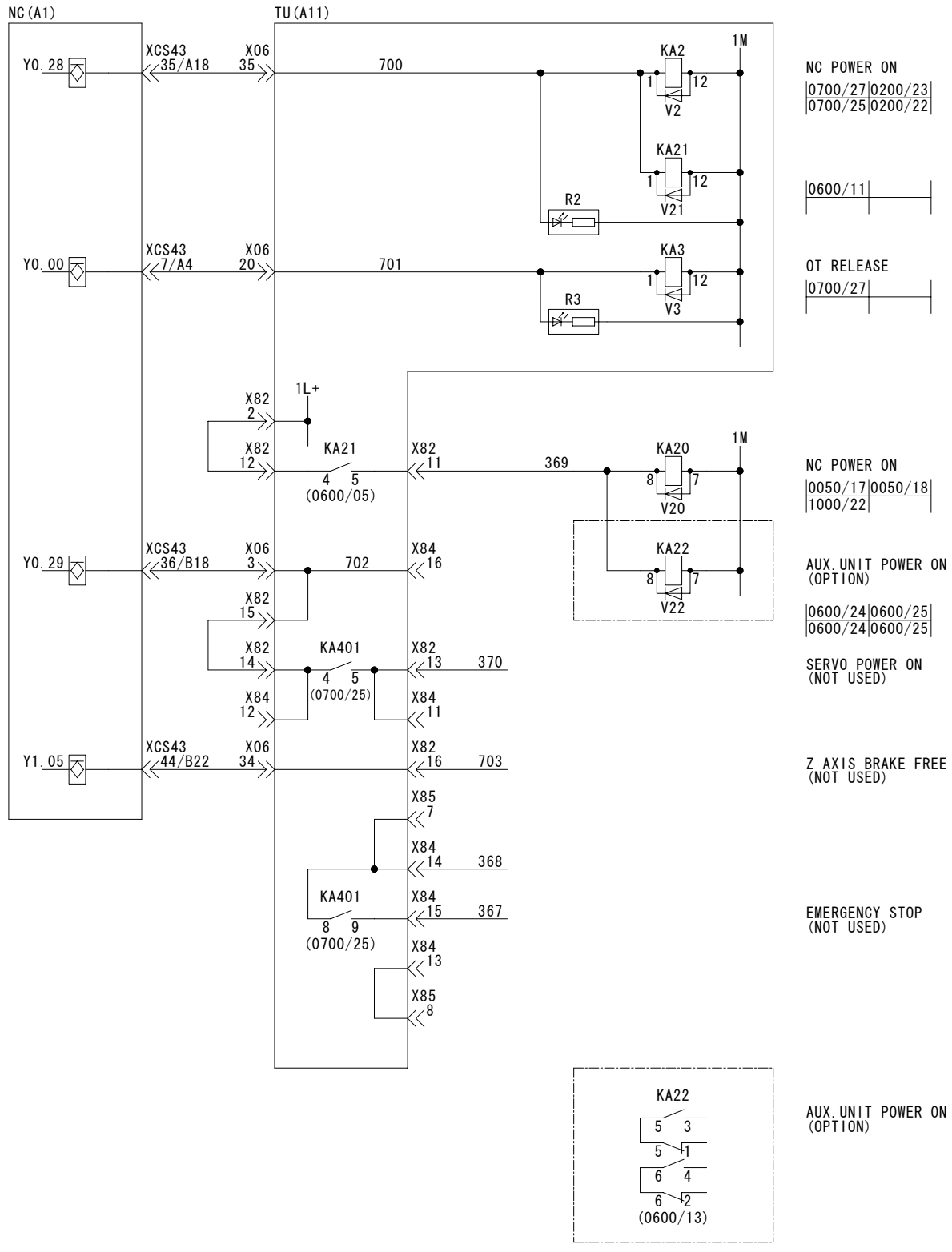

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	POWER ON
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40600.0

YAMAZAKI MAZAK CORPORATION

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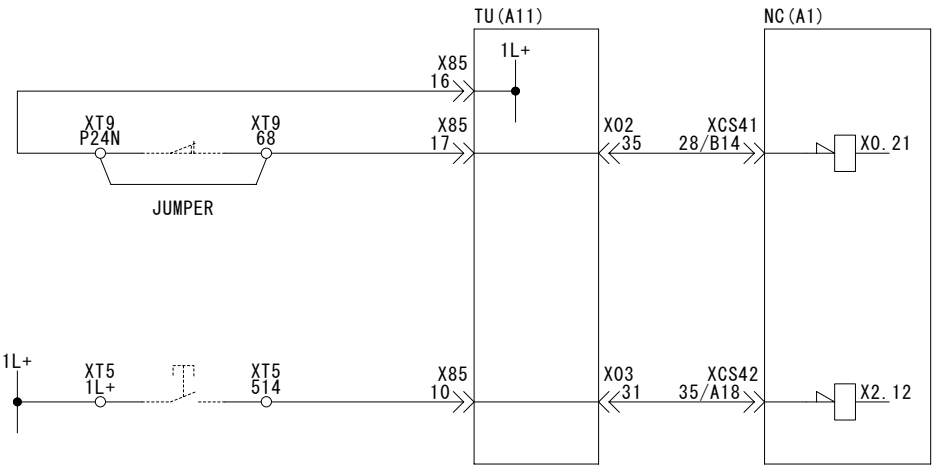

REMOTE CONTROL CONECTOR

NOTE)
USERS CAN USE THIS INTERFACE FOR MACHINE INTERLOCK.
P24N-68 OPEN:INTERLOCK ON
WHEN USE THIS INTERFACE,
REMOVE JUMPER (P24N-68),
AND CONNECT LIMITSWITCH etc.

HANDY
LASER SHUTTER OPEN PB

NOTE)
FOR SERVICE ONLY.

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	INTERLOCK
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40610.0

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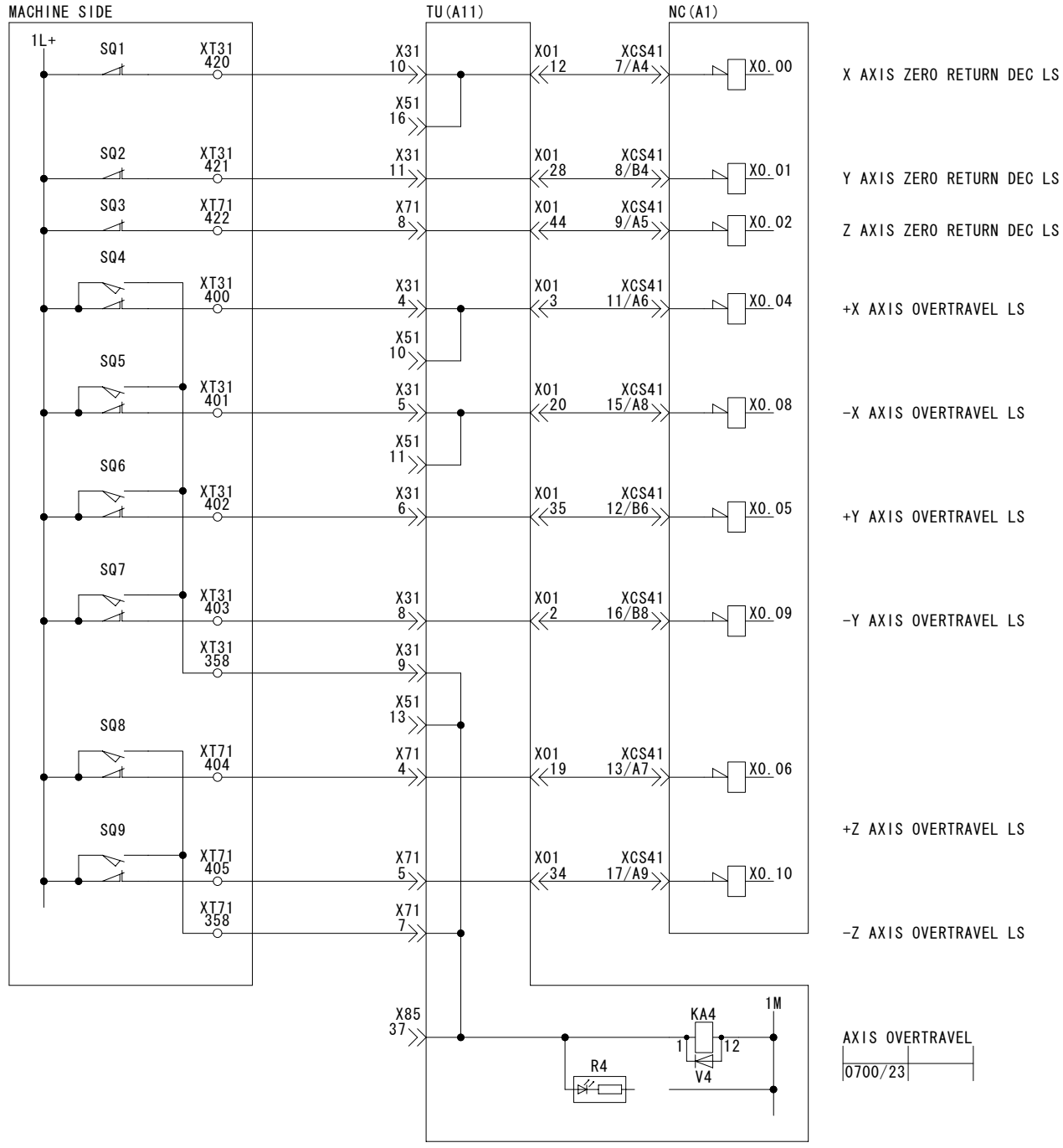

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	AXIS LS
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40650.0

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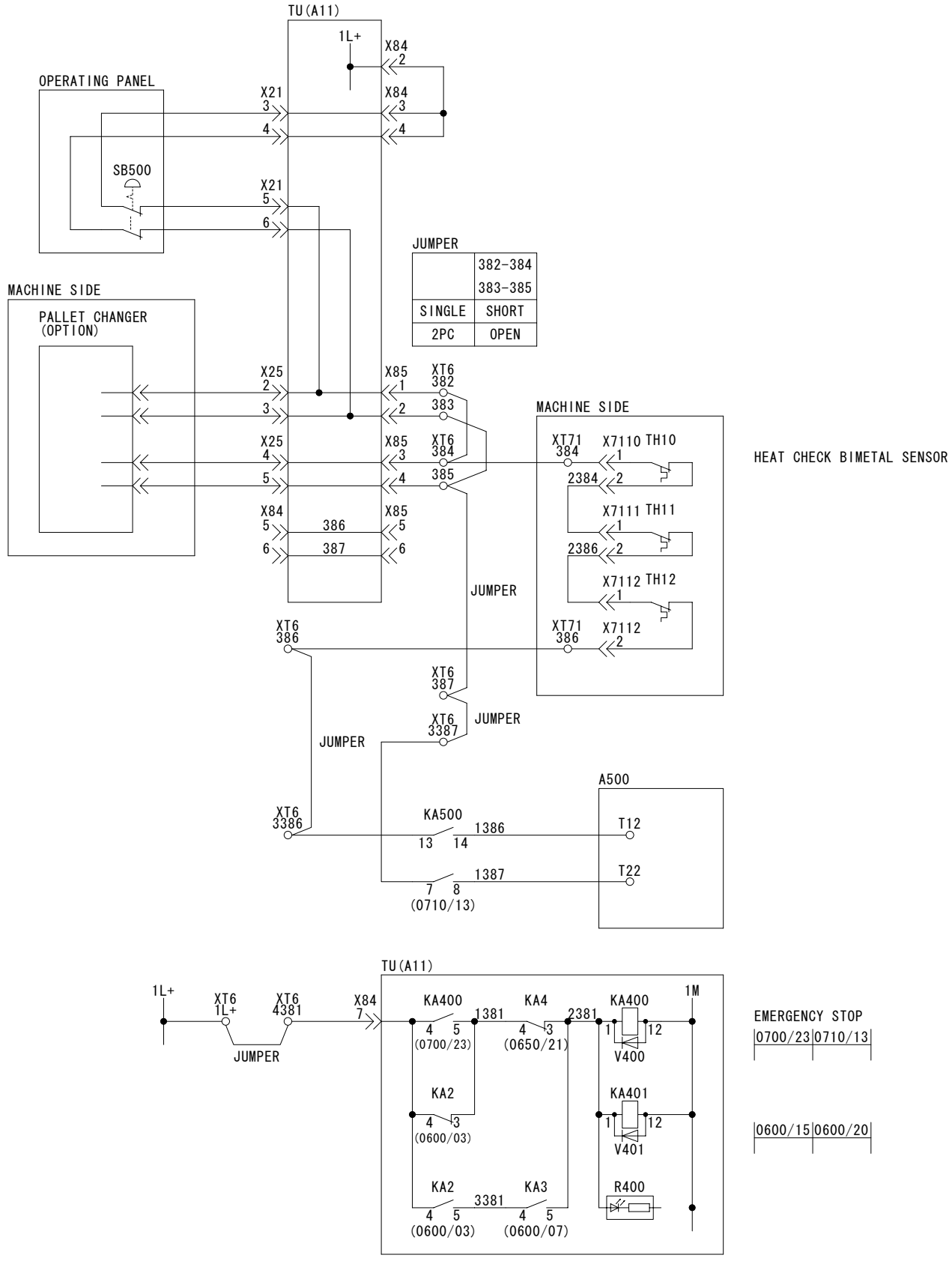

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	EMERGENCY STOP(1)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40700.0

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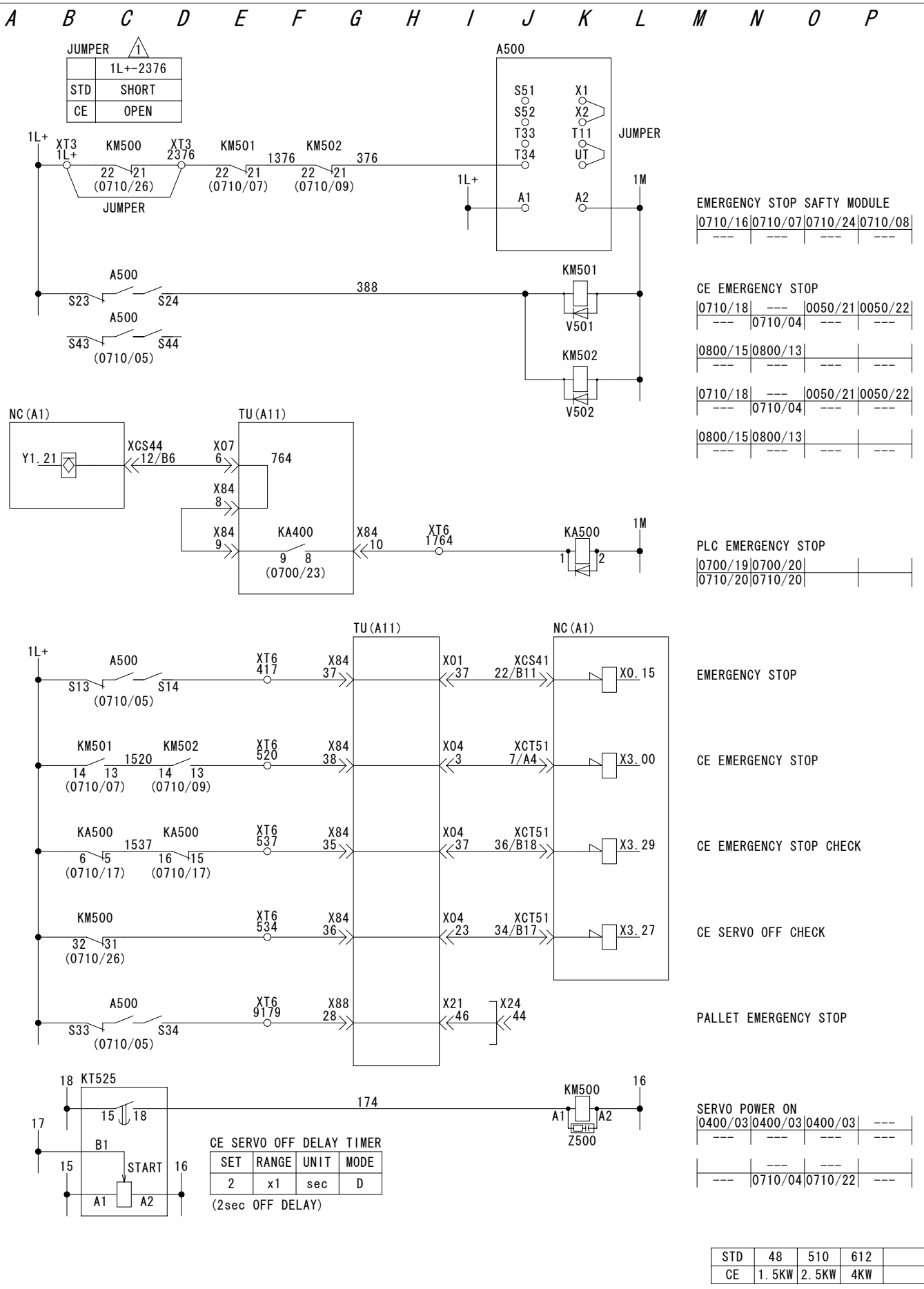

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤				EMERGENCY STOP (2)
④	08/03/14	08/03/14	08/03/14	
③	H Iryoda	M.Okajima	M.Okajima	
②				DRWN NO. 676 007 40711.0
① Edition Jan.13.'09 M.Okajima				

YAMAZAKI MAZAK CORPORATION

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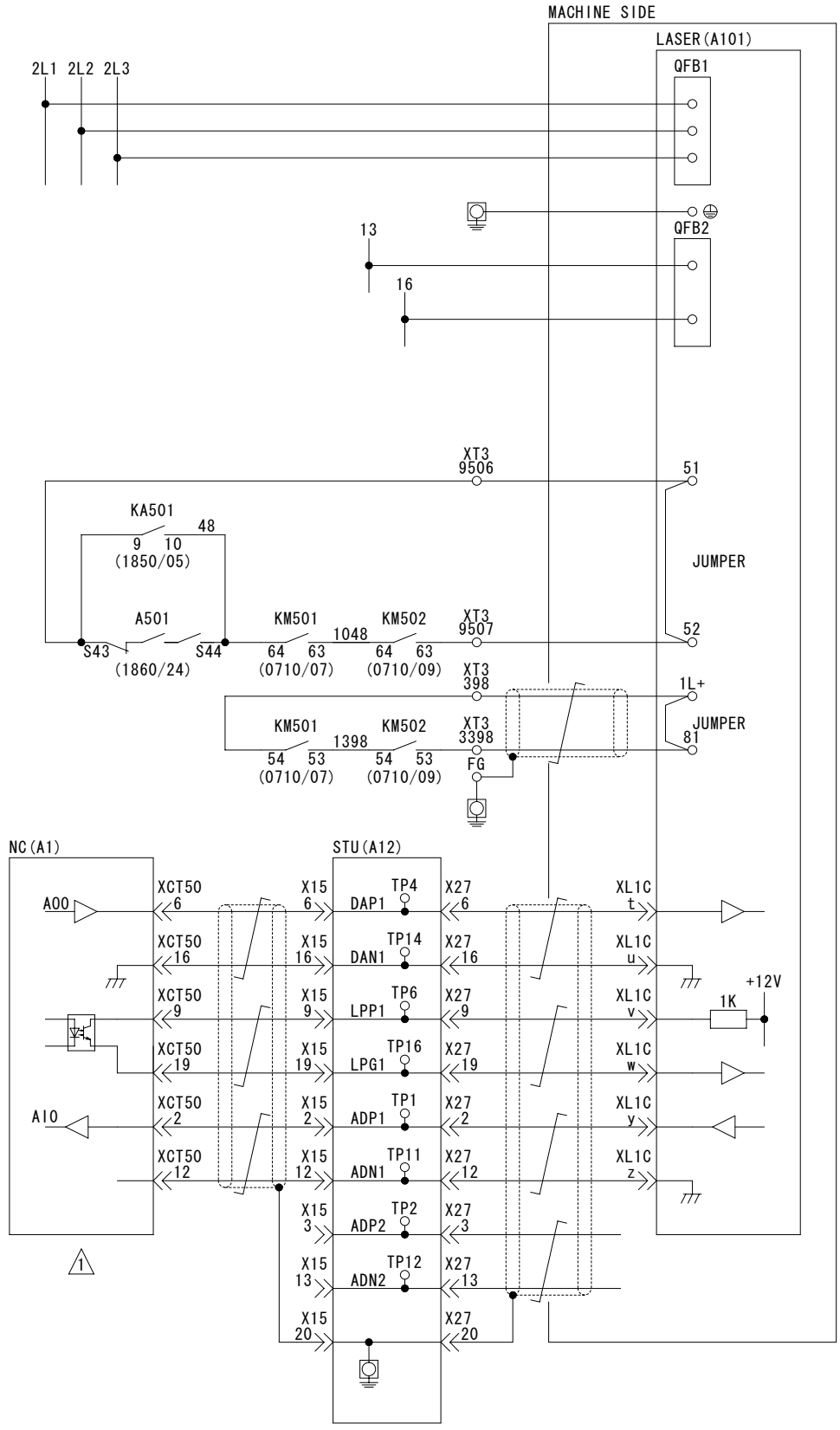

LASER

AC200V±10%3φ50/60Hz	
1.3KW	15KW 75A
1.5KW	16KW 60A
1.8KW	18KW 70A
2.5KW	28KW 110A
4KW	44KW 165A
AC100V±10%1φ50/60Hz	
0.4KW 5A	

JUMPER

	51-52	1L+-81
STD	SHORT	SHORT
CE	OPEN	OPEN

CE LASER SHUTTER INTERLOCK (AC100V)

CE LASER EMERGENCY STOP (DC24V)

LASER POWER COMMAND

LASER PULSE COMMAND

LASER POWER MONITOR

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	LASER UNIT(1)
Edition Apr.01.'09 M.Okajima	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40801.0

YAMAZAKI MAZAK CORPORATION

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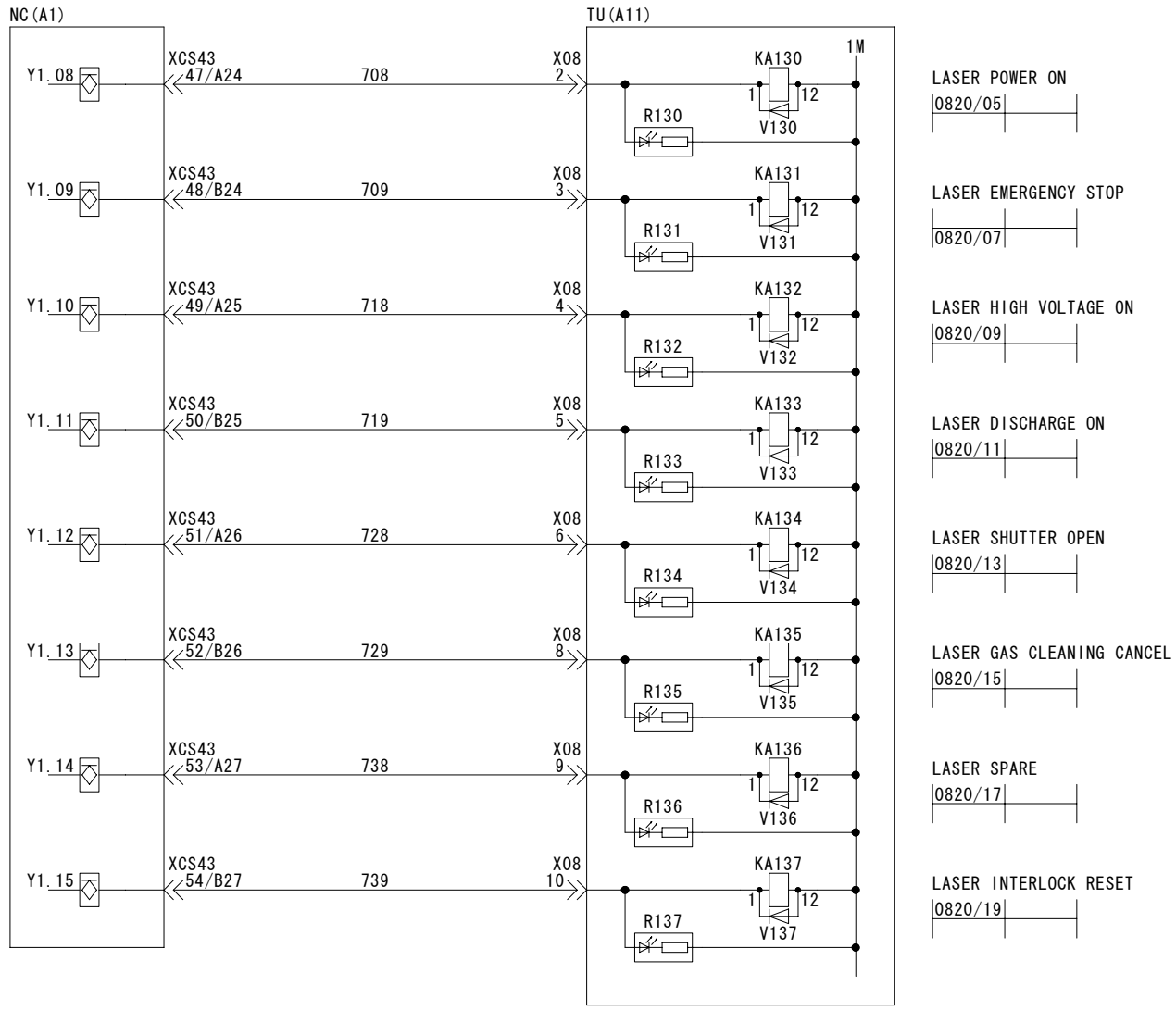

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	LASER UNIT(2)
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40810.0

YAMAZAKI MAZAK CORPORATION

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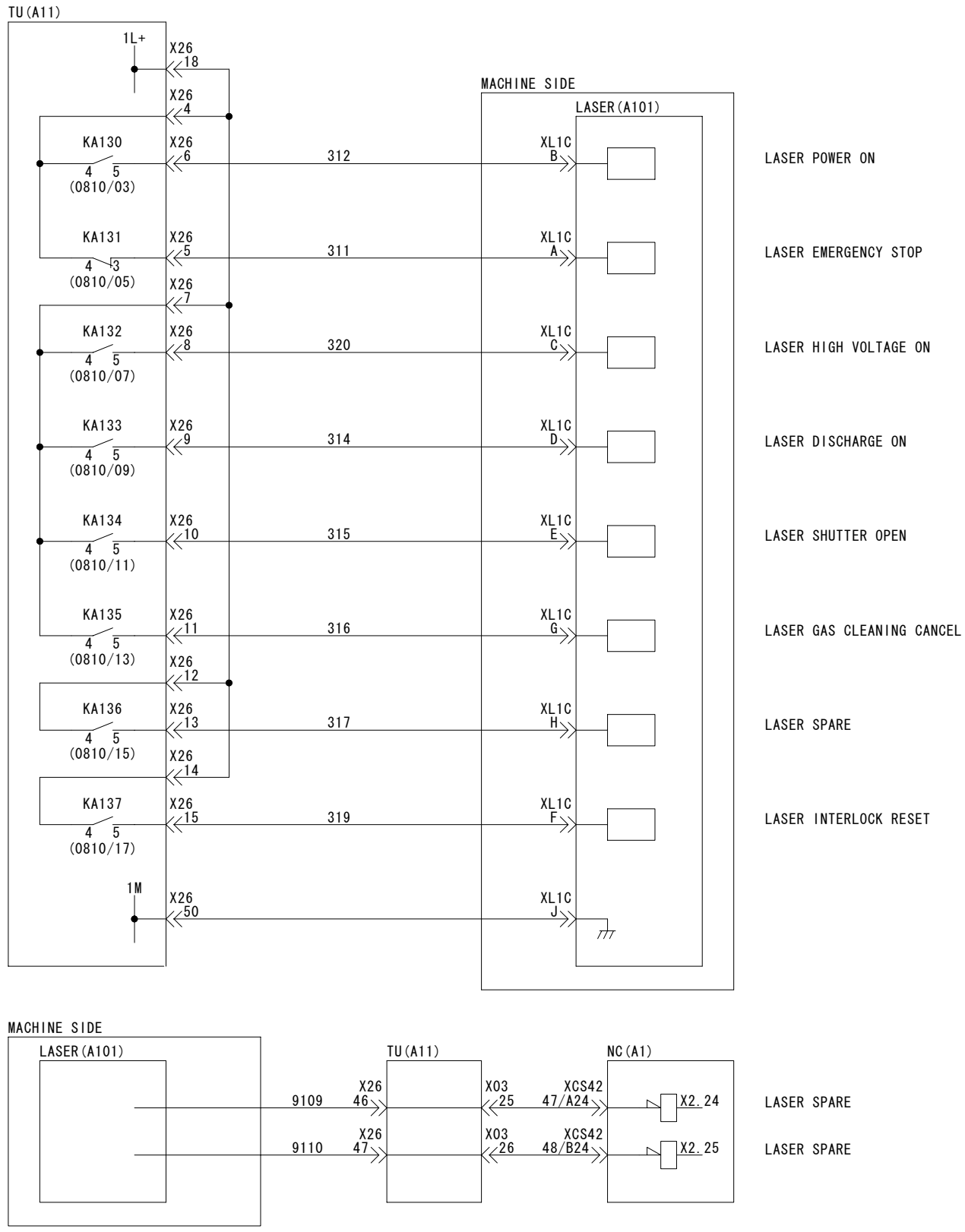

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	LASER UNIT(3)
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40820.0

YAMAZAKI MAZAK CORPORATION

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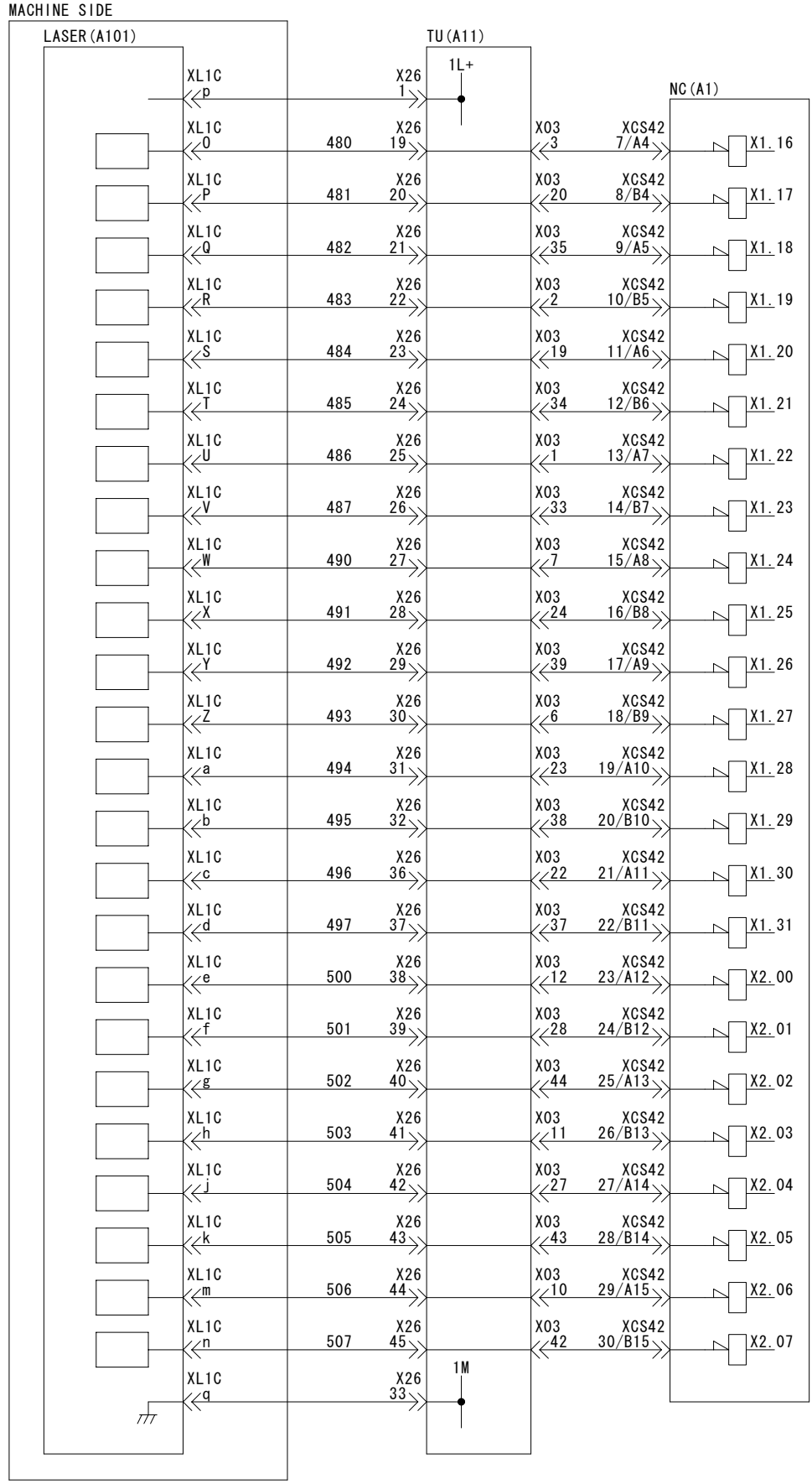

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	LASER UNIT(4)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40830.0

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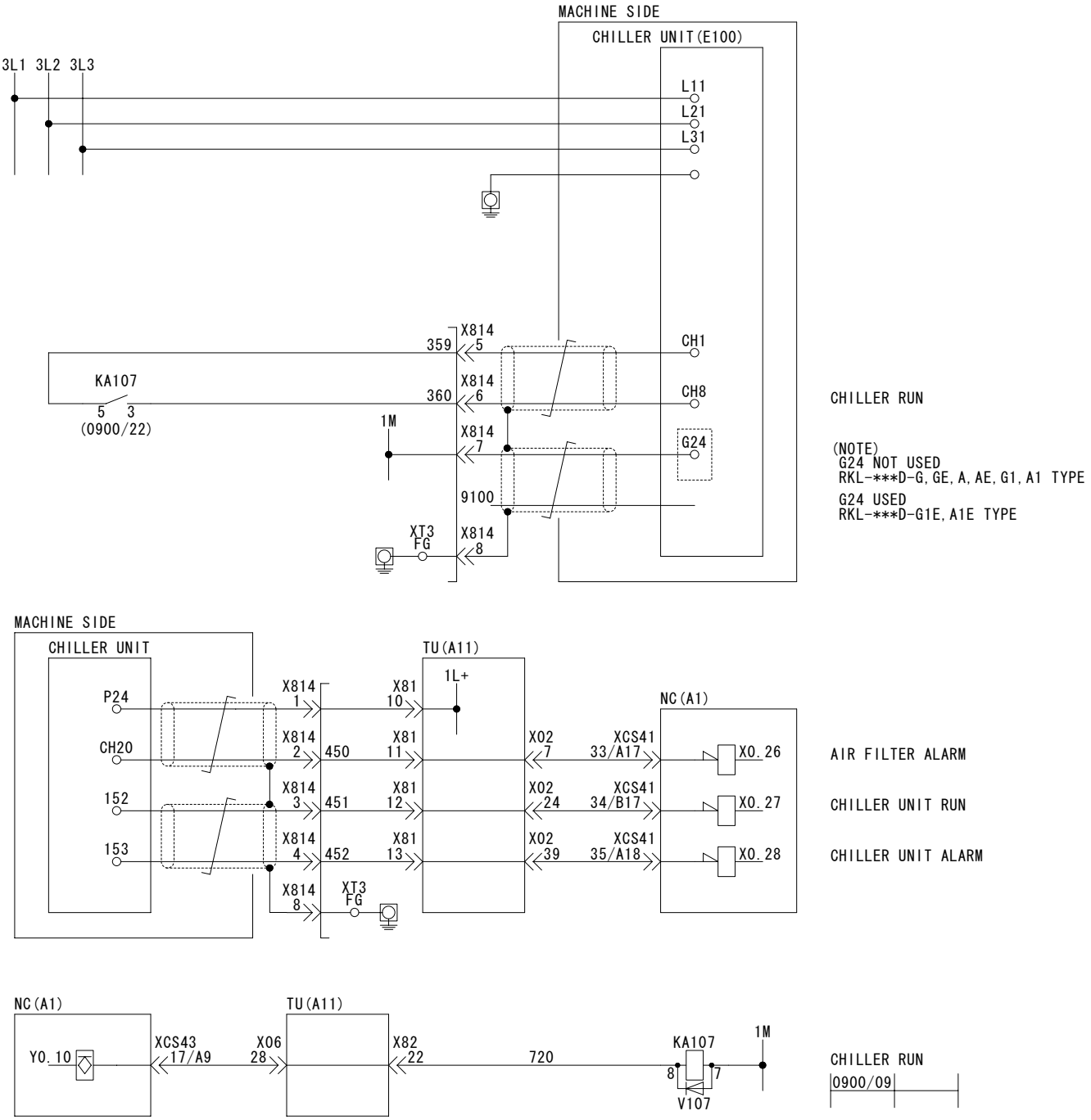

CHILLER UNIT

	AC200V±10%3φ 50/60Hz					
1.3/1.5/1.8KW	RKL-5500D-G,G1	8/10KW	30/34A	RKL-5500D-GE,G1E	8/10KW	30/34A
2.5KW	RKL-9000D-A,A1	17/21KW	57/69A	RKL-9000D-AE,A1E	18/22KW	63/74A
4KW	RKL-15000D-A,A1	26/31KW	90/98A	RKL-15000D-AE,A1E	25/31KW	81/95A

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE
CHILLER UNIT

DRWN NO. 676 007 40900,0

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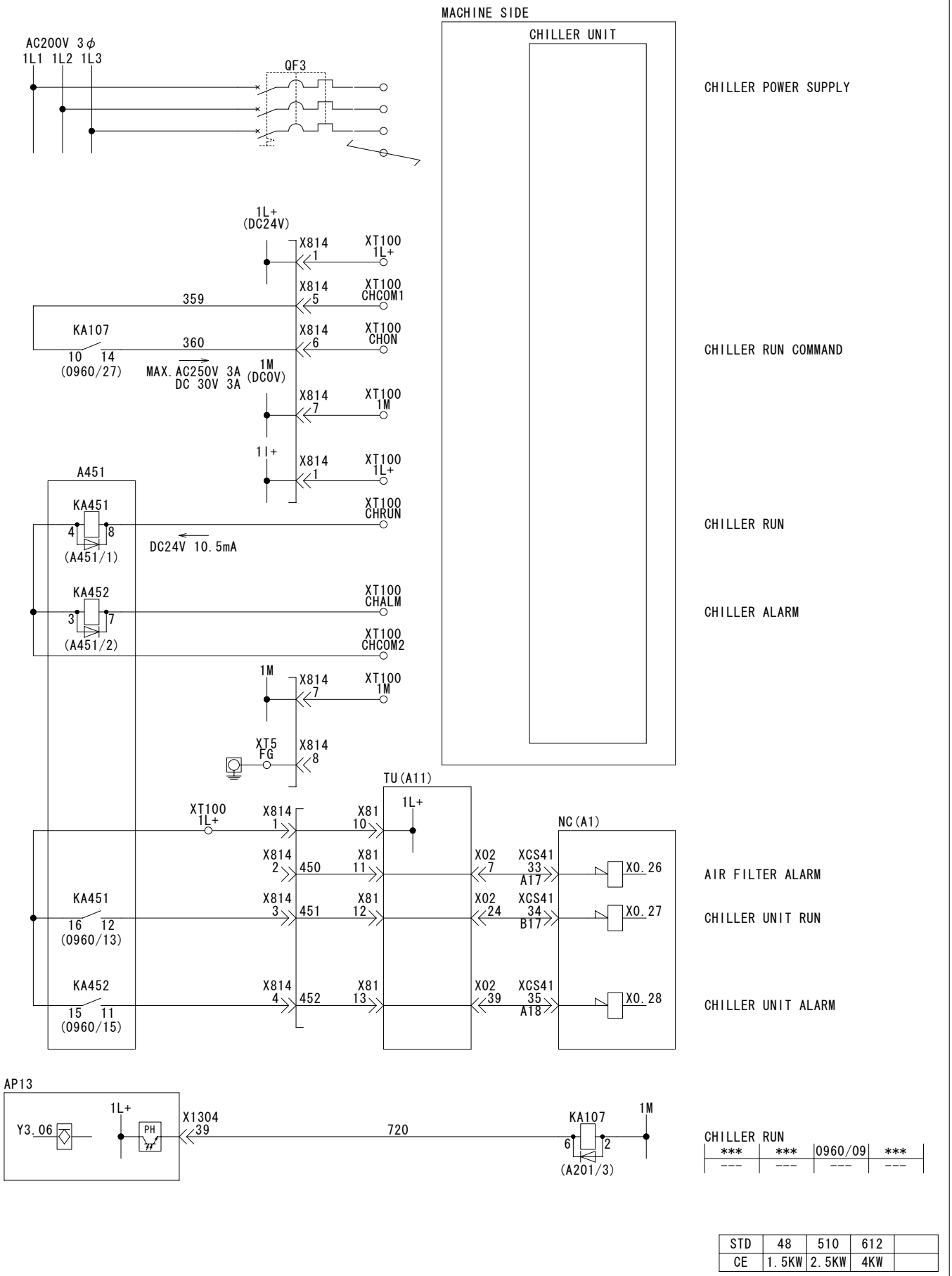

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	09/01/13	09/01/13	09/01/13	CHILLER INTERFACE
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 40960.0

YAMAZAKI MAZAK CORPORATION

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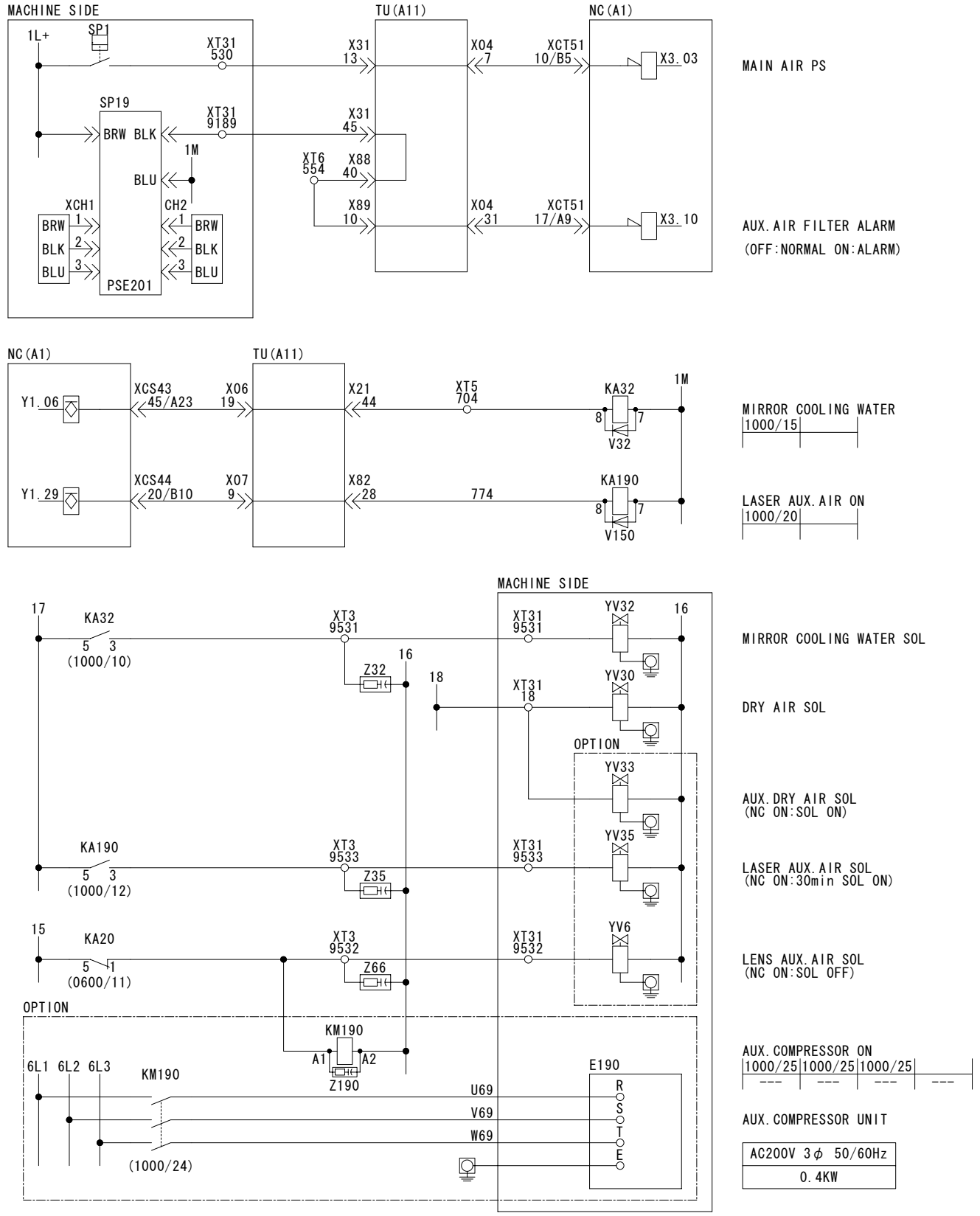

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	DRY AIR
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41000.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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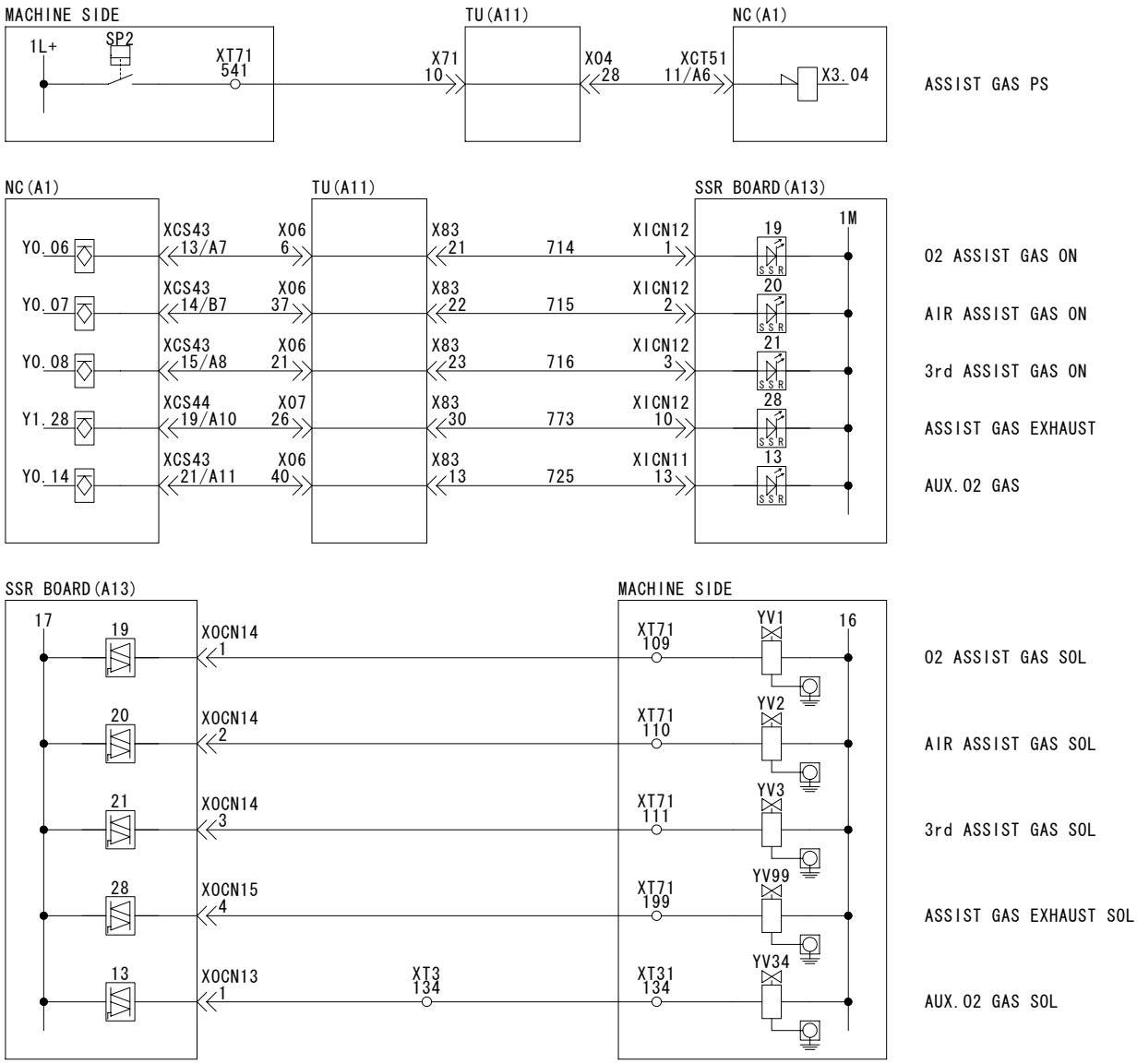

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	ASSIST GAS (1)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41010.0

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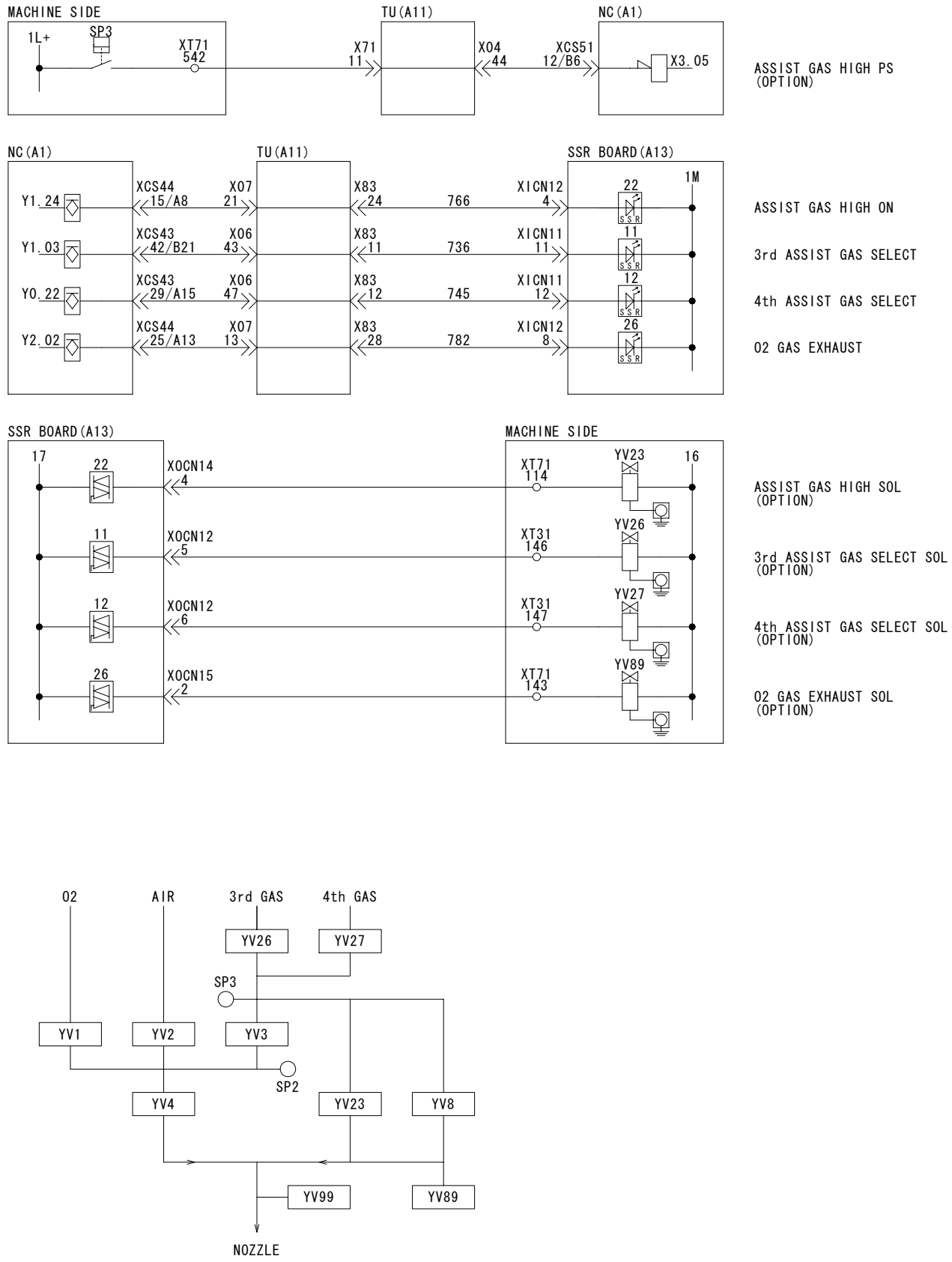

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	ASSIST GAS (2)
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41020.0

YAMAZAKI MAZAK CORPORATION

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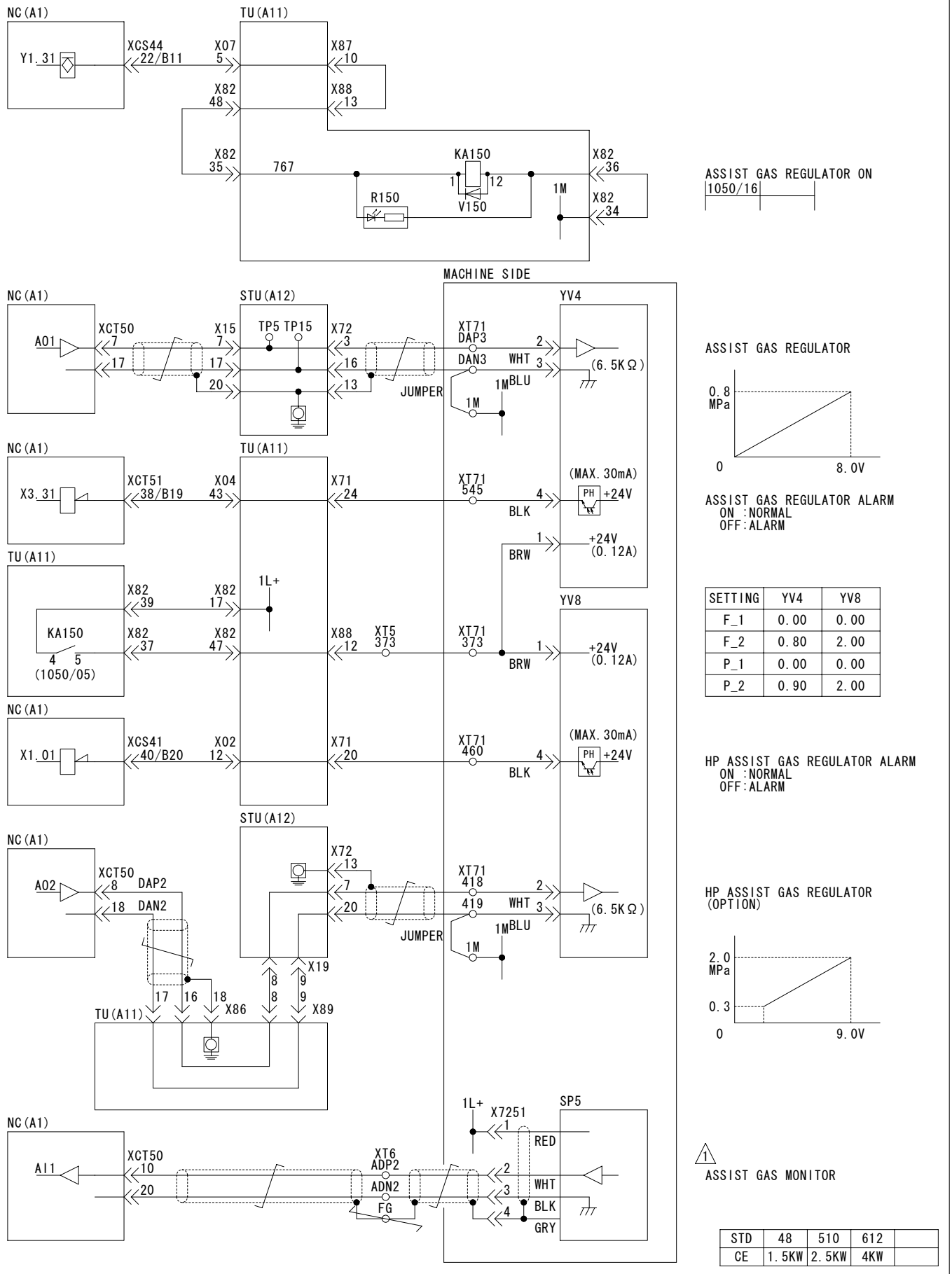

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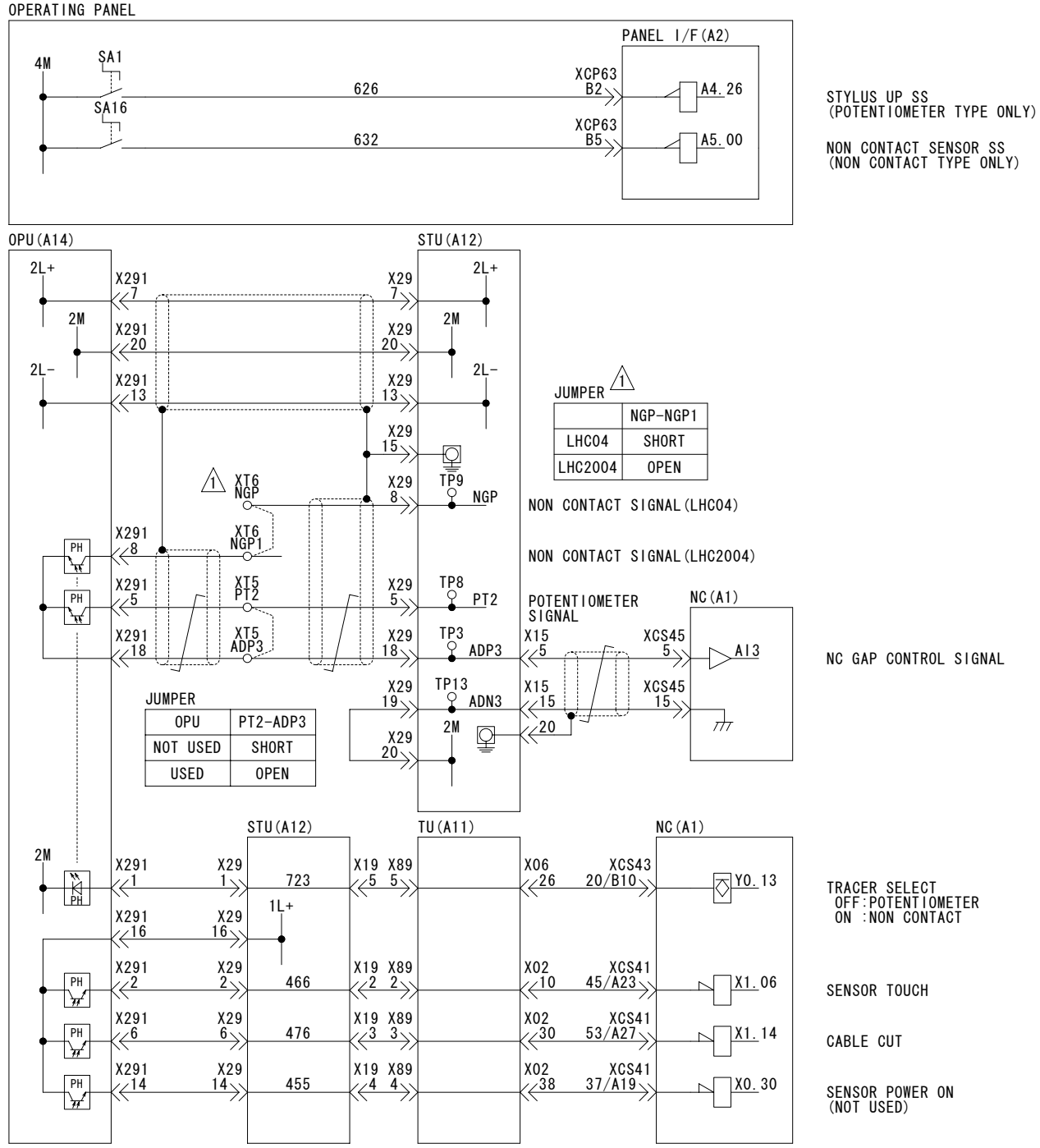

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
5	08/03/14	08/03/14	08/03/14	TRACER
4				
3				
2	H Iryoda	M.Okajima	M.Okajima	
1 Edition Jul.06.'09 S.Yamasaki				DRWN NO. 676 007 41111.0

YAMAZAKI MAZAK CORPORATION

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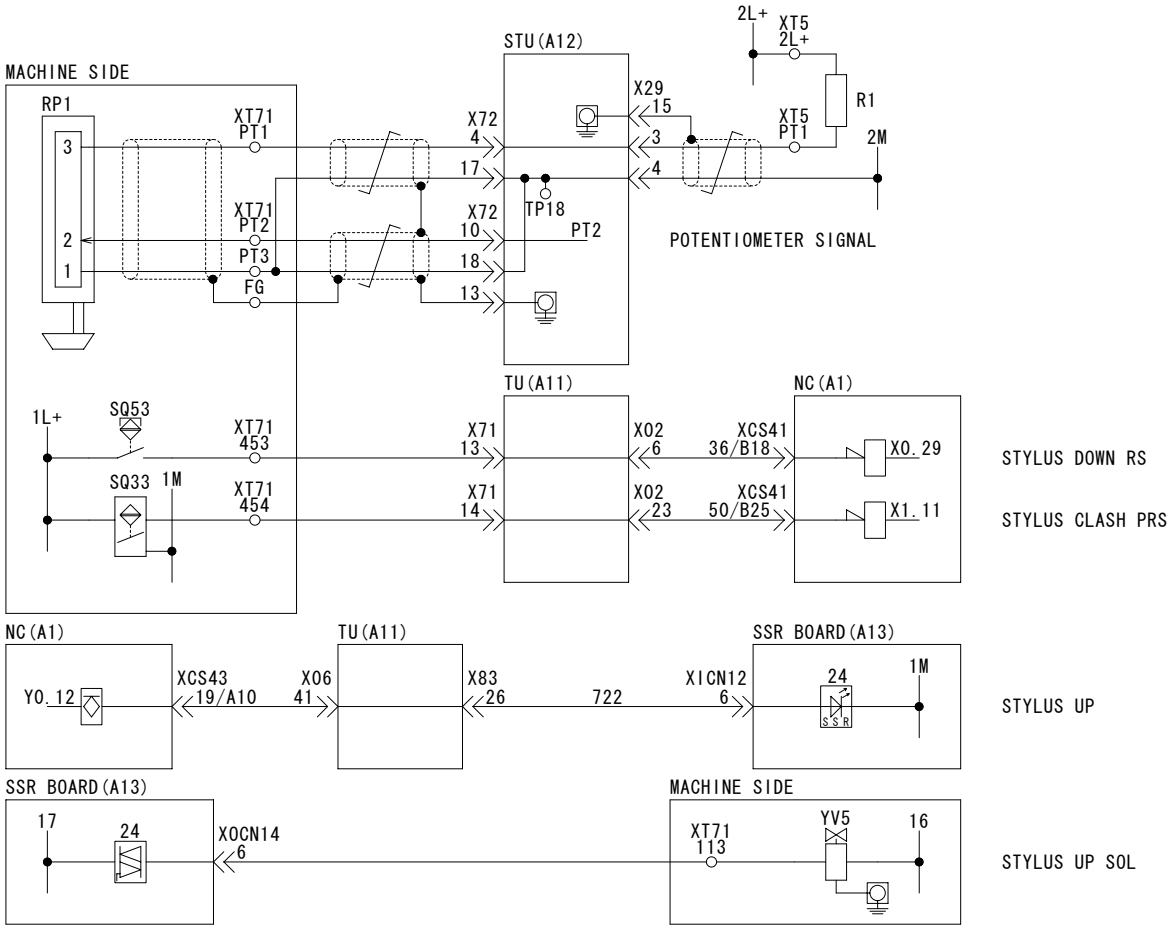

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	POTENTIOMETER TRACER
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41130.0

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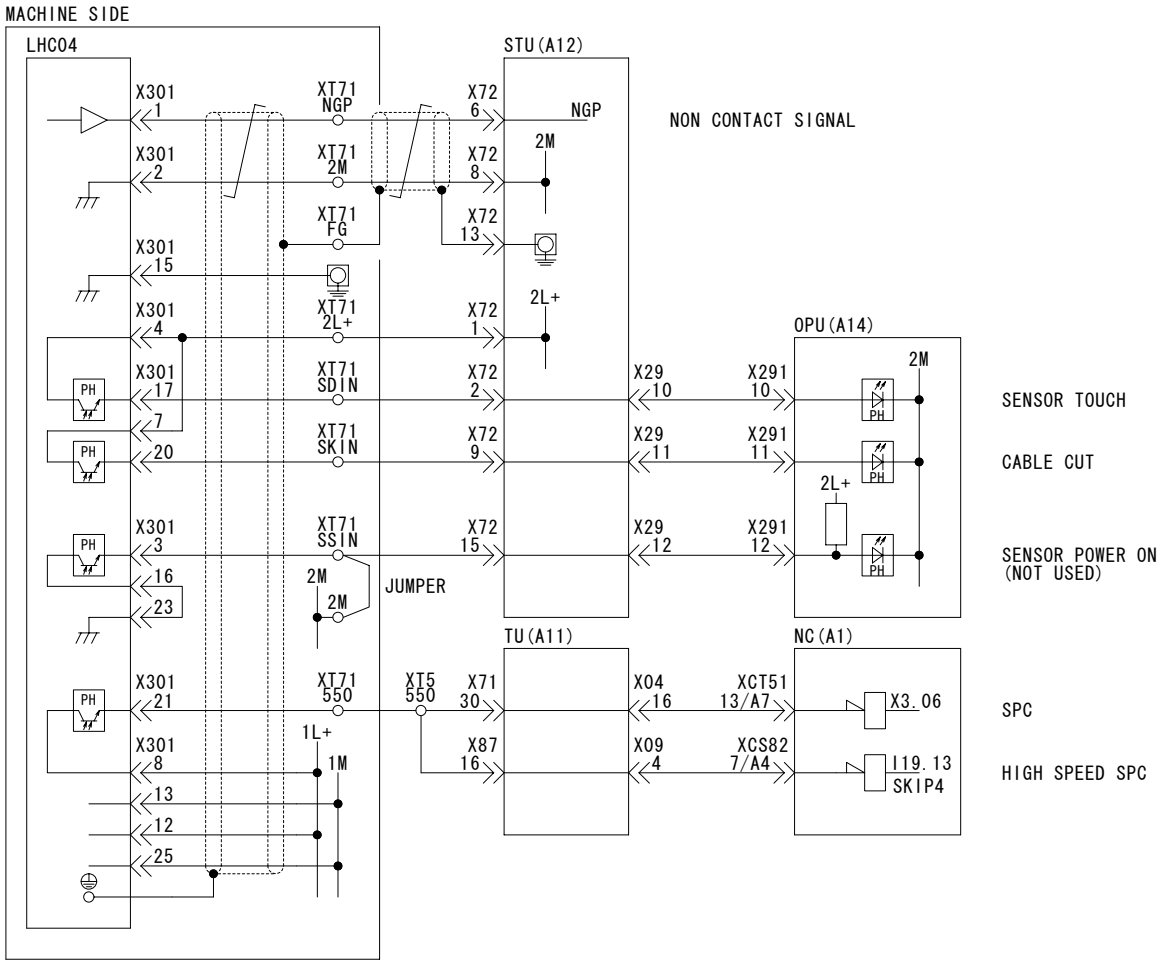

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	NON CONTACT TRACER
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41150.0

YAMAZAKI MAZAK CORPORATION

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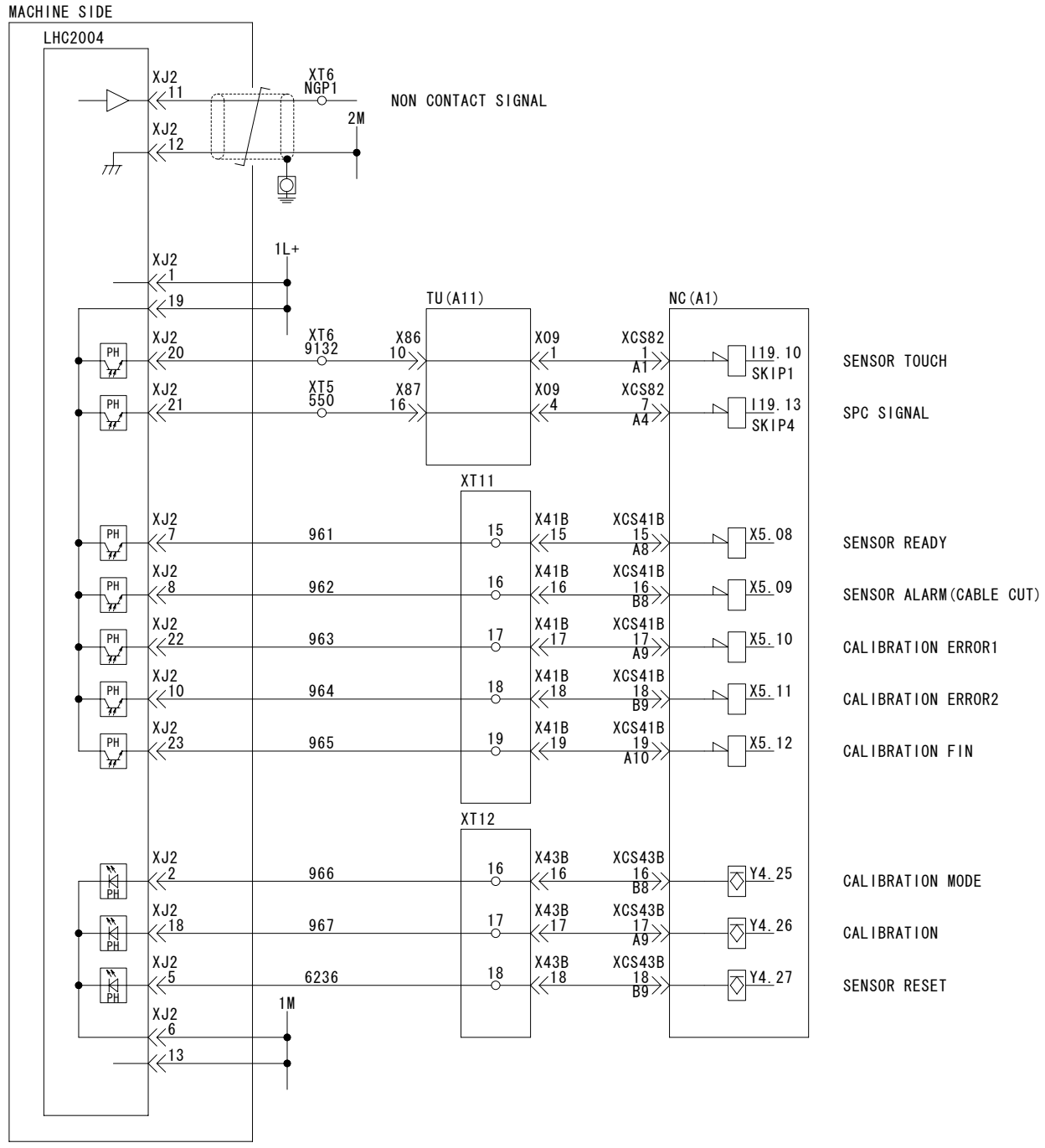

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	09/06/23	09/06/23	09/06/23	NON CONTACT TRACER (LHC2004)
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41160.0

YAMAZAKI MAZAK CORPORATION

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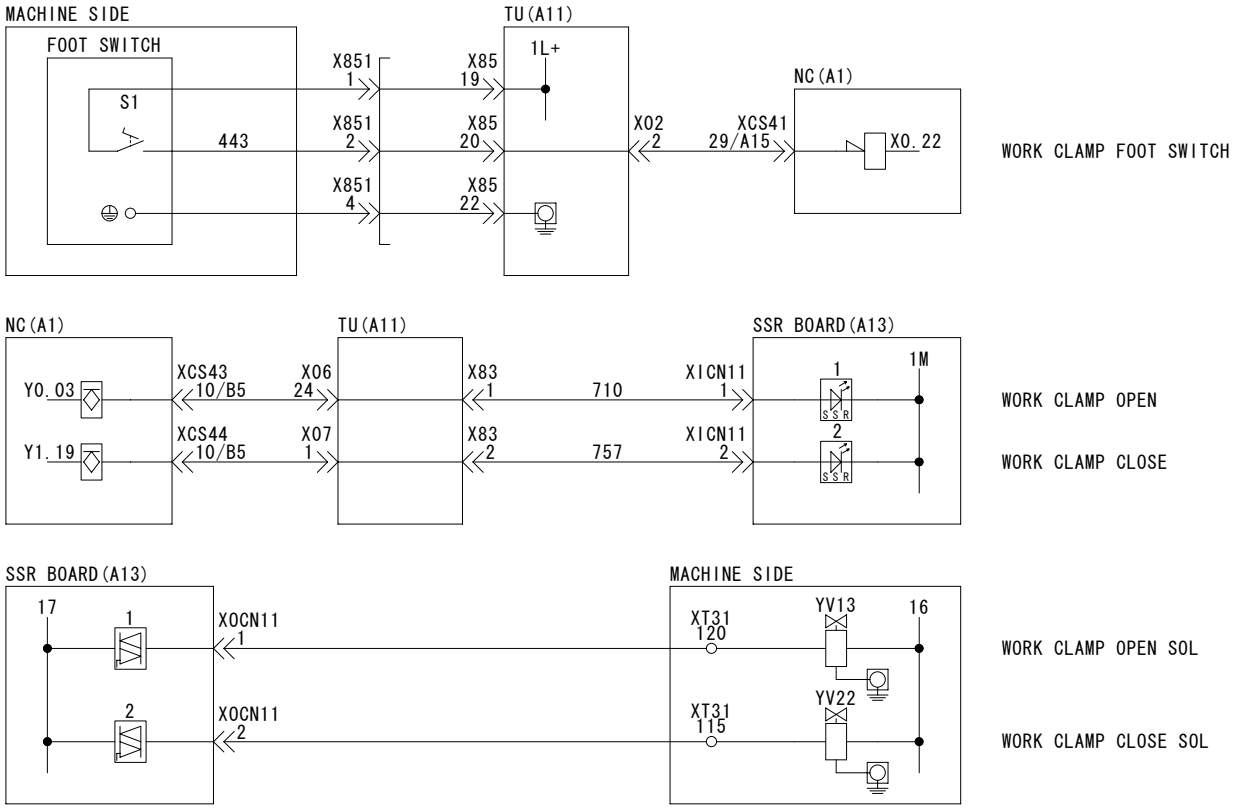

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	WORK CLAMP
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41300.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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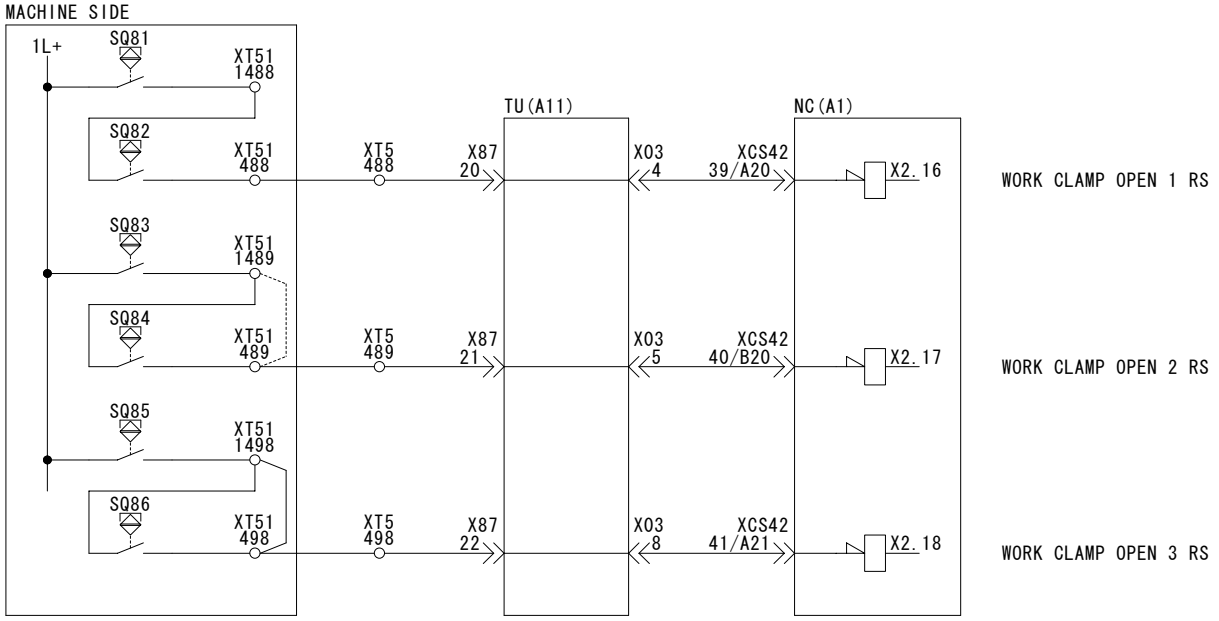

JUMPER

		489-1489	498-1498	SQ81,82,83	SQ84	SQ85	SQ86
48/510	1.3/1.5/1.8KW	SHORT	SHORT	USED	NON	NON	NON
	2.5/4KW	OPEN	SHORT	USED	USED	NON	NON
612	2.5/4KW	OPEN	SHORT	USED	USED	USED	NON

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	WORK CLAMP SENSOR (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41320.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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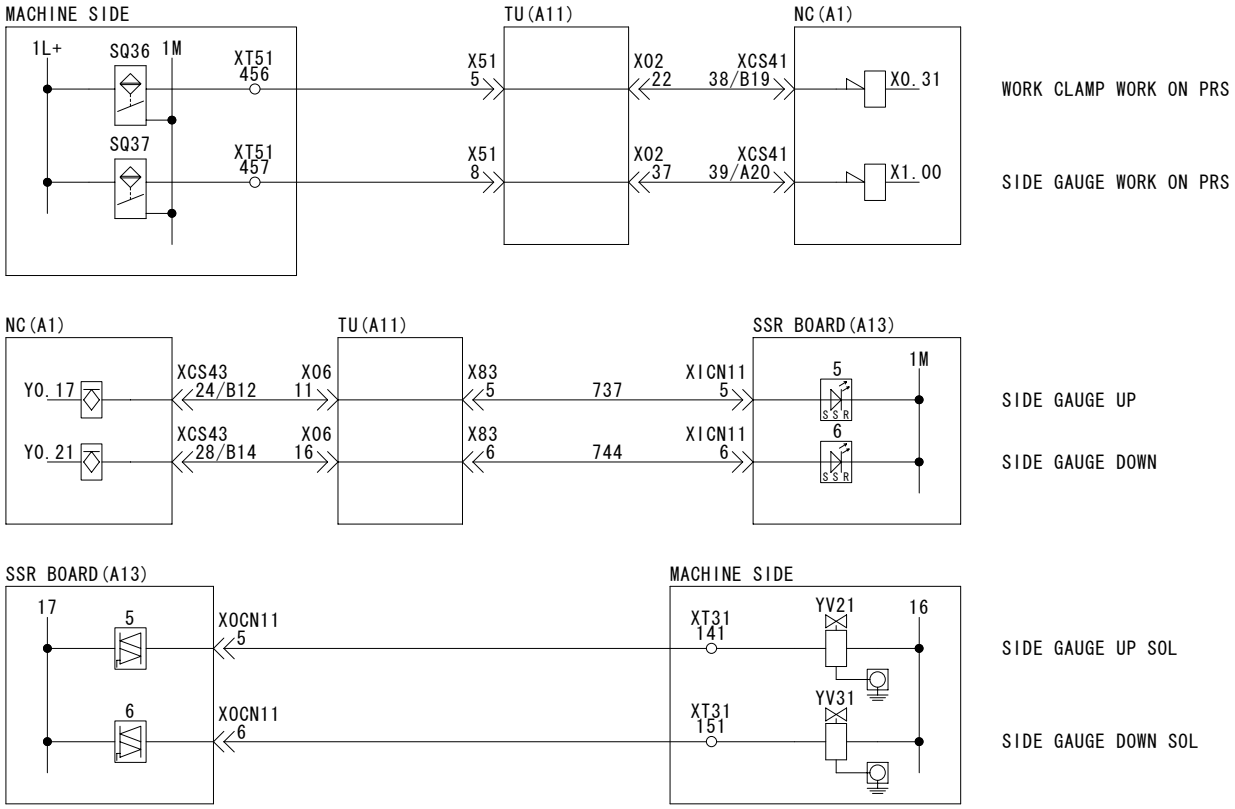

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	WORK ON SENSOR (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41330.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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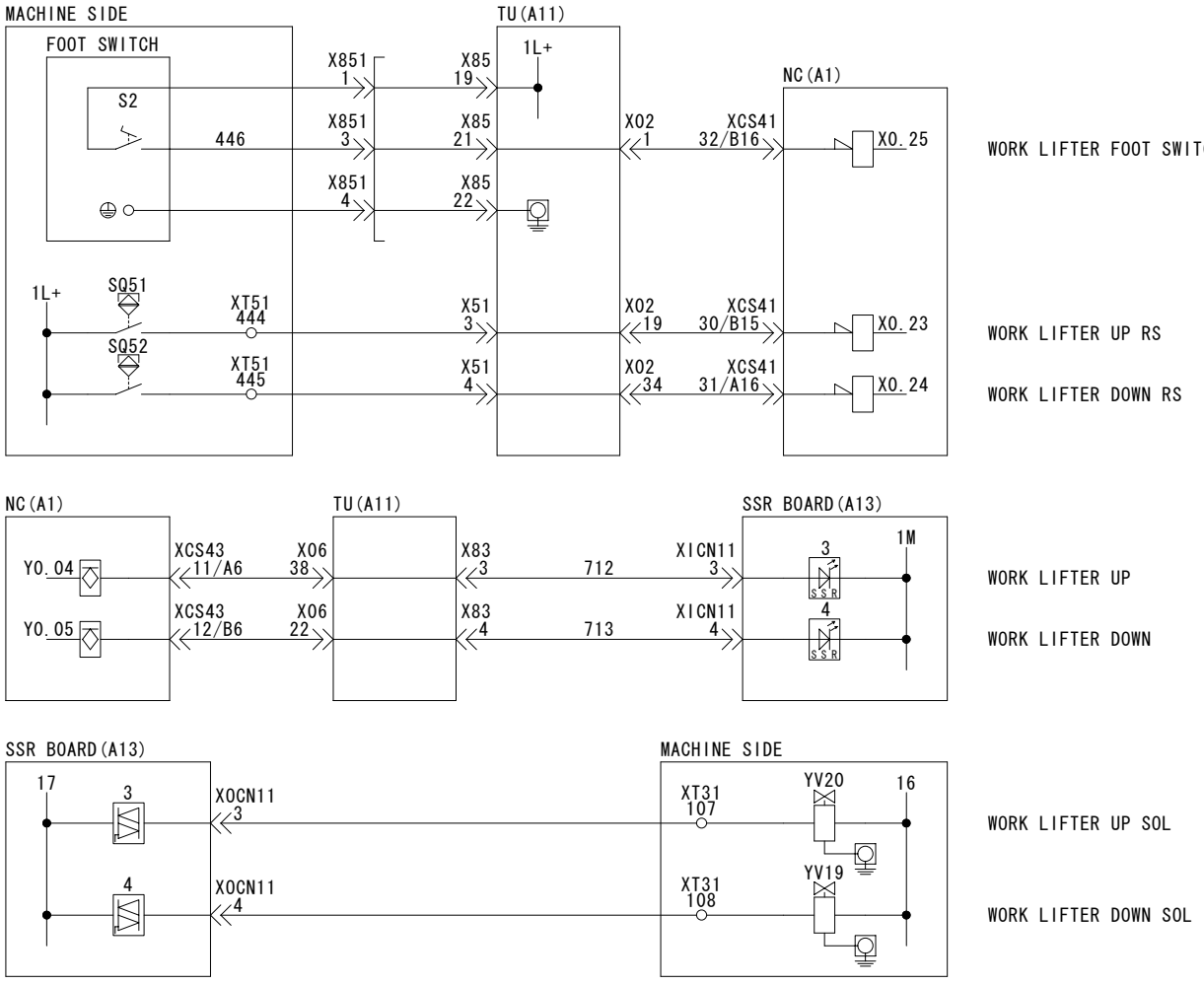

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	WORK LIFTER
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41350.0

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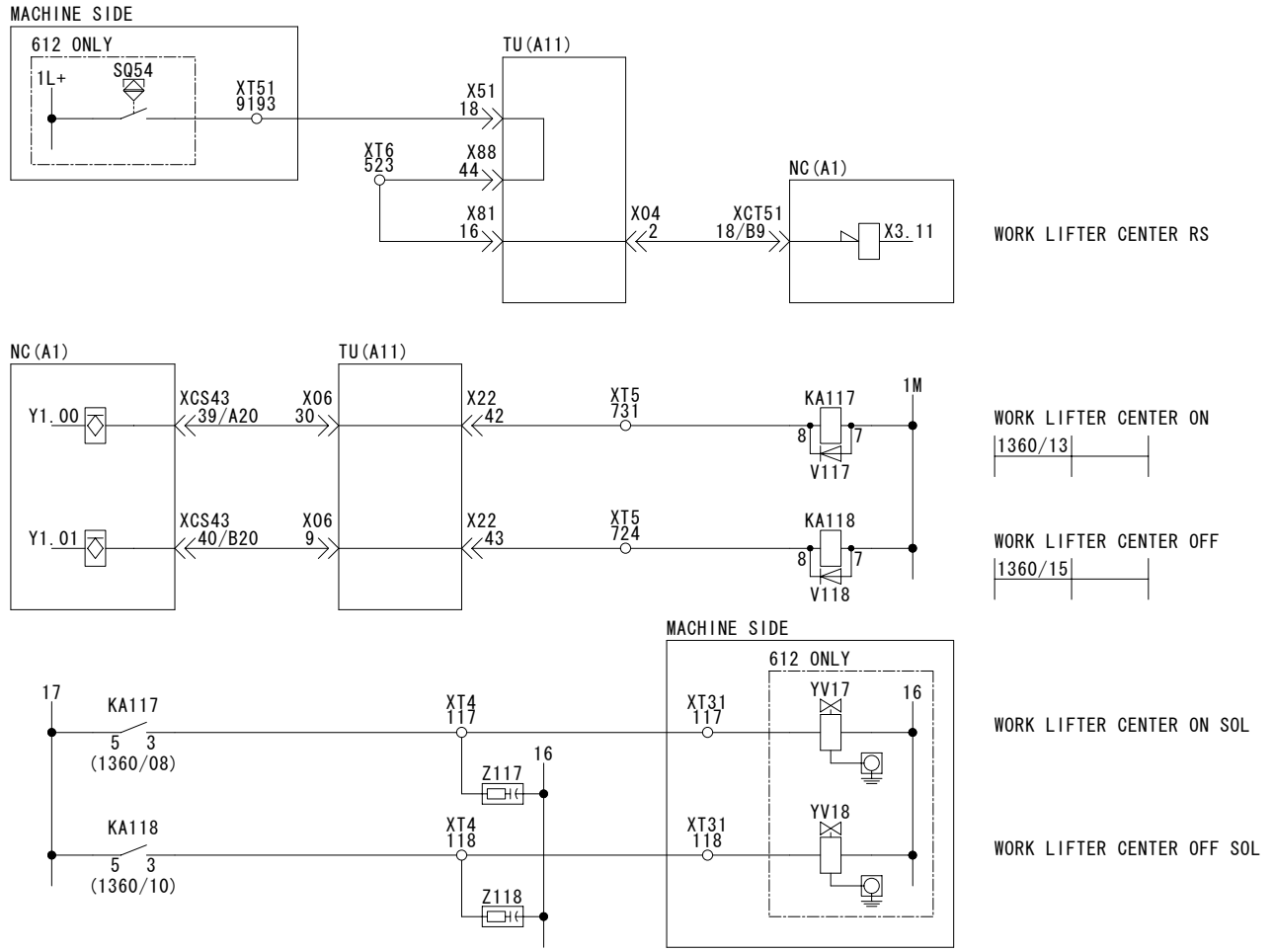

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	612 WORK LIFTER (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41360.0

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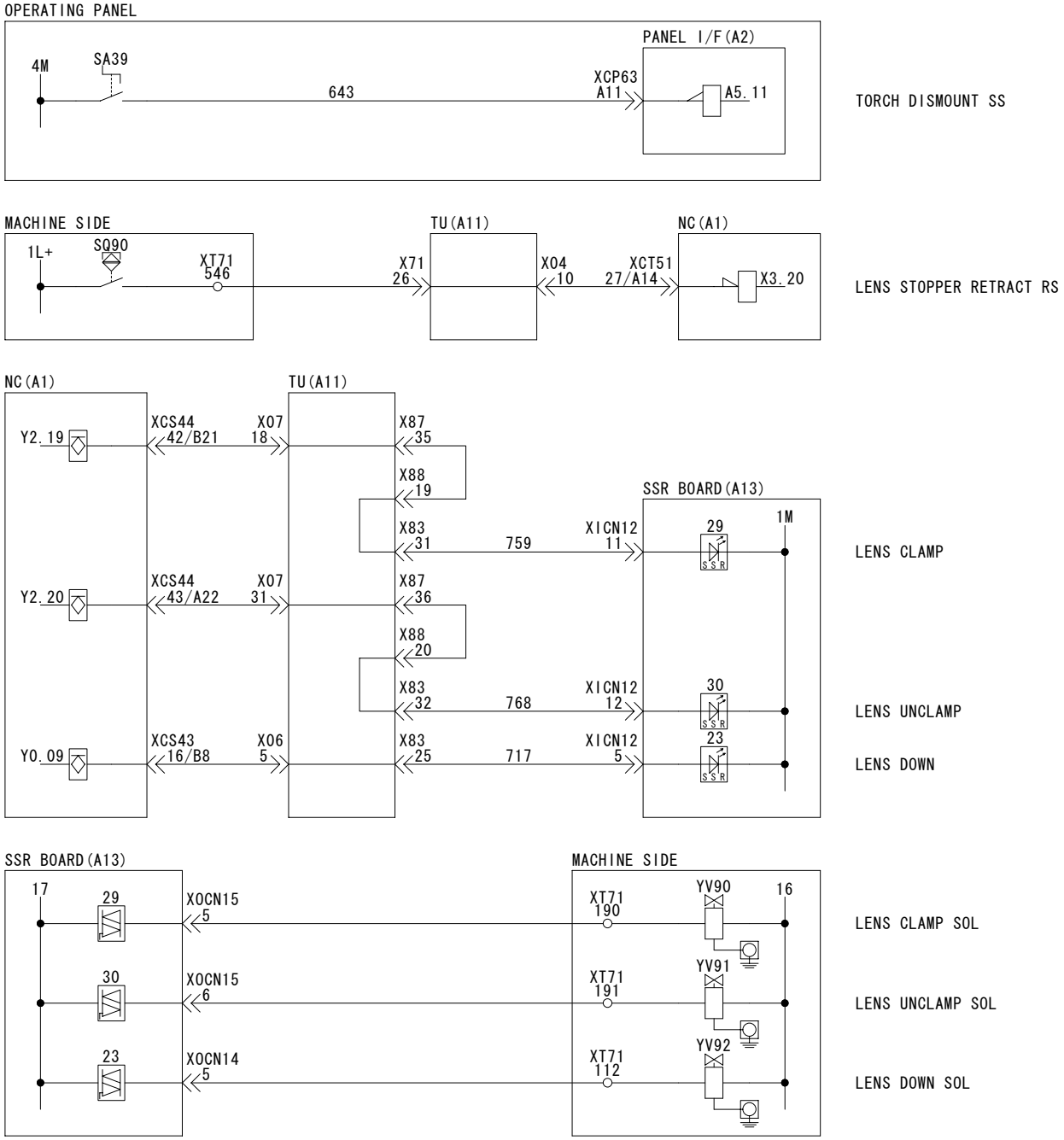

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PROGRAMMABLE FOCUS (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41400.0

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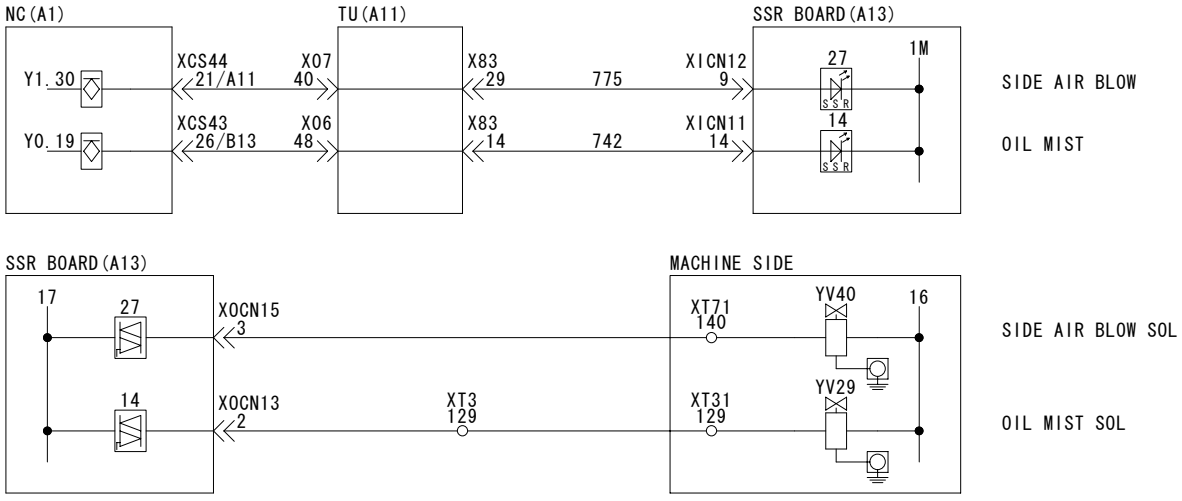

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	SIDE BLOW (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41500.0

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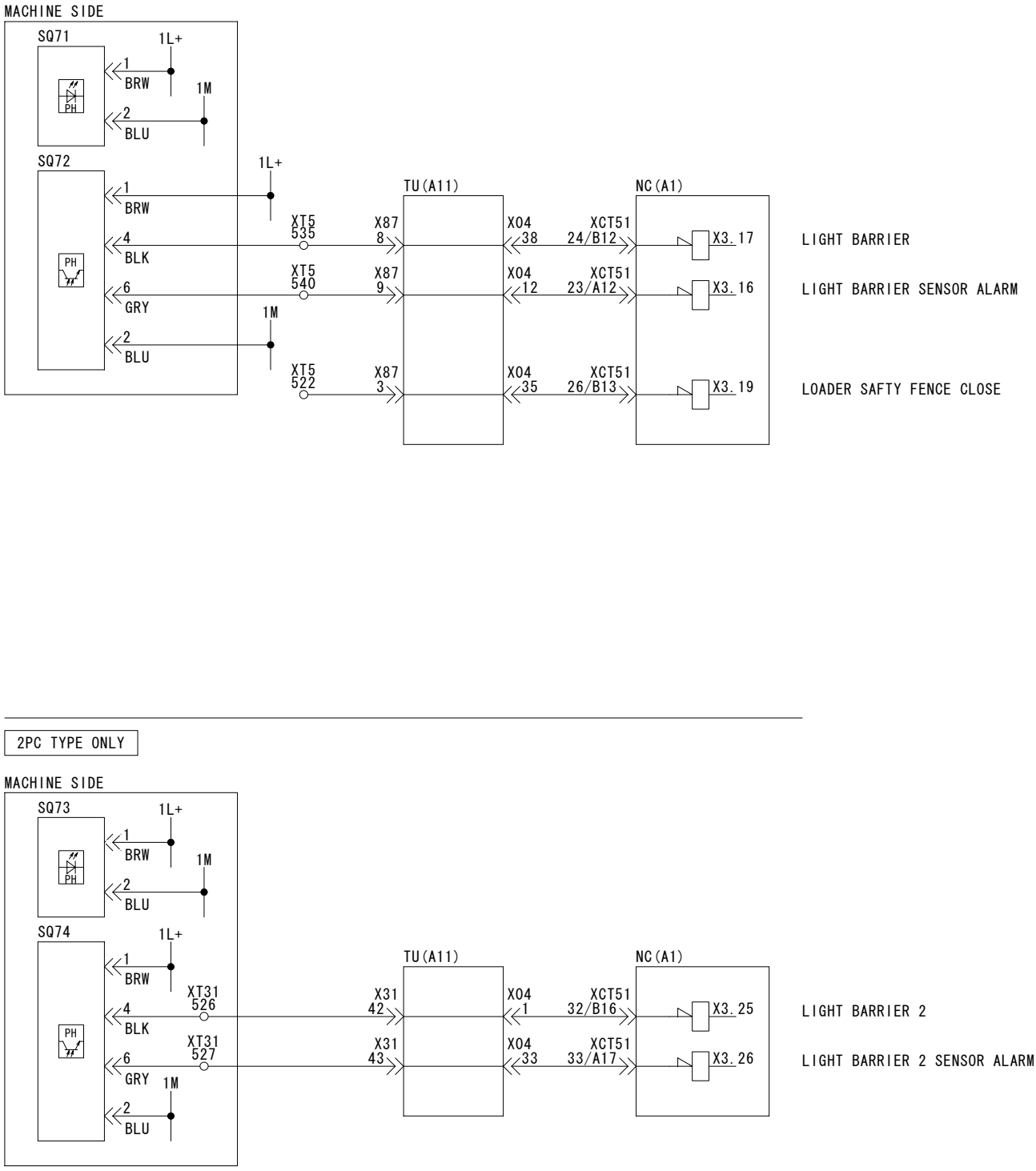

2PC TYPE ONLY

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	LIGHT BARRIER
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41600.0

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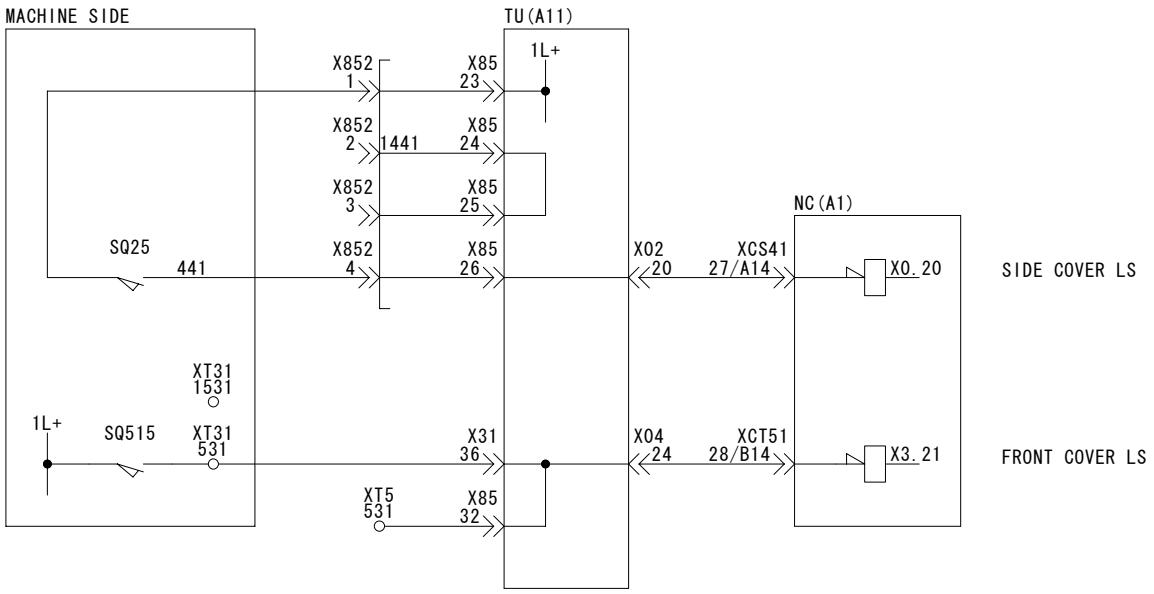

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	MACHINE COVER
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41700.0

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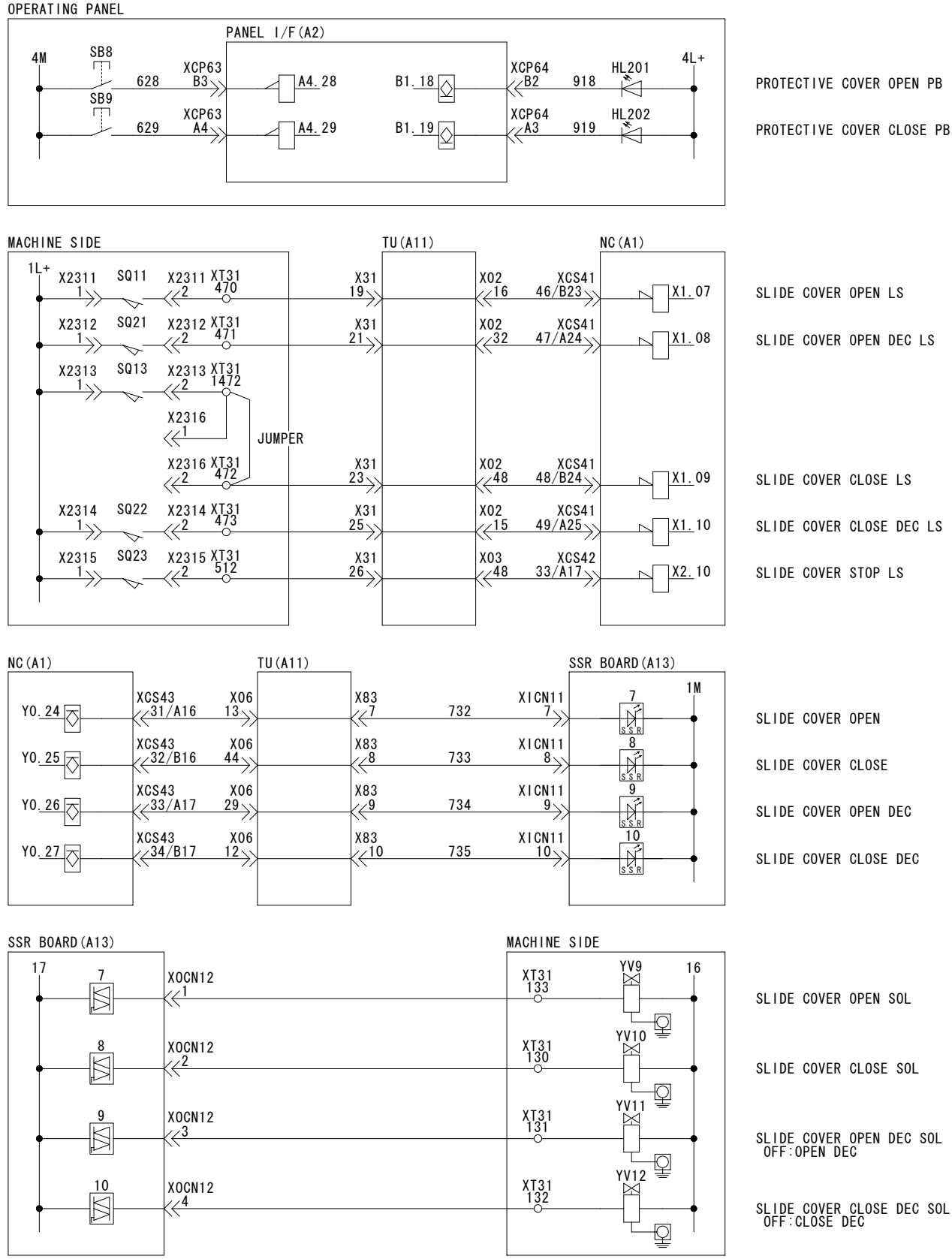

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	SLIDE COVER (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41800.0

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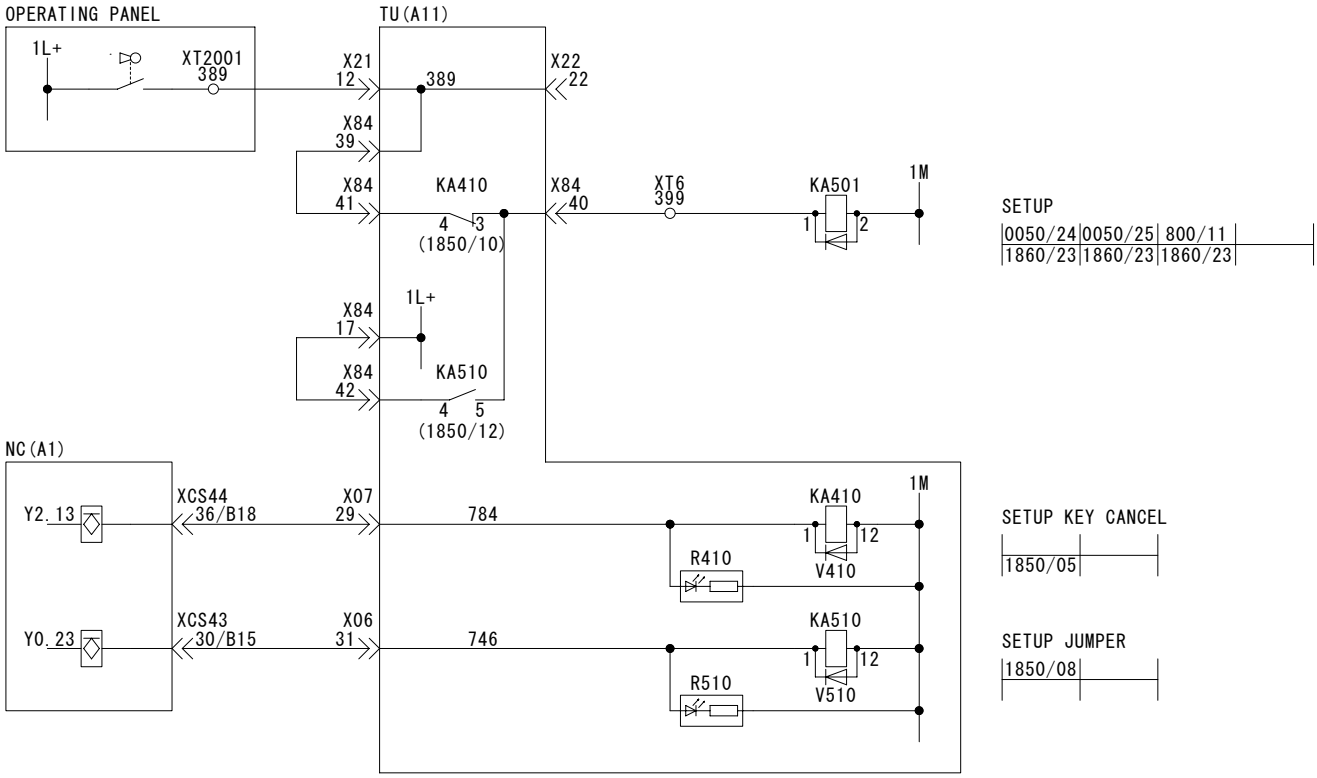

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	SETUP
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41850.0

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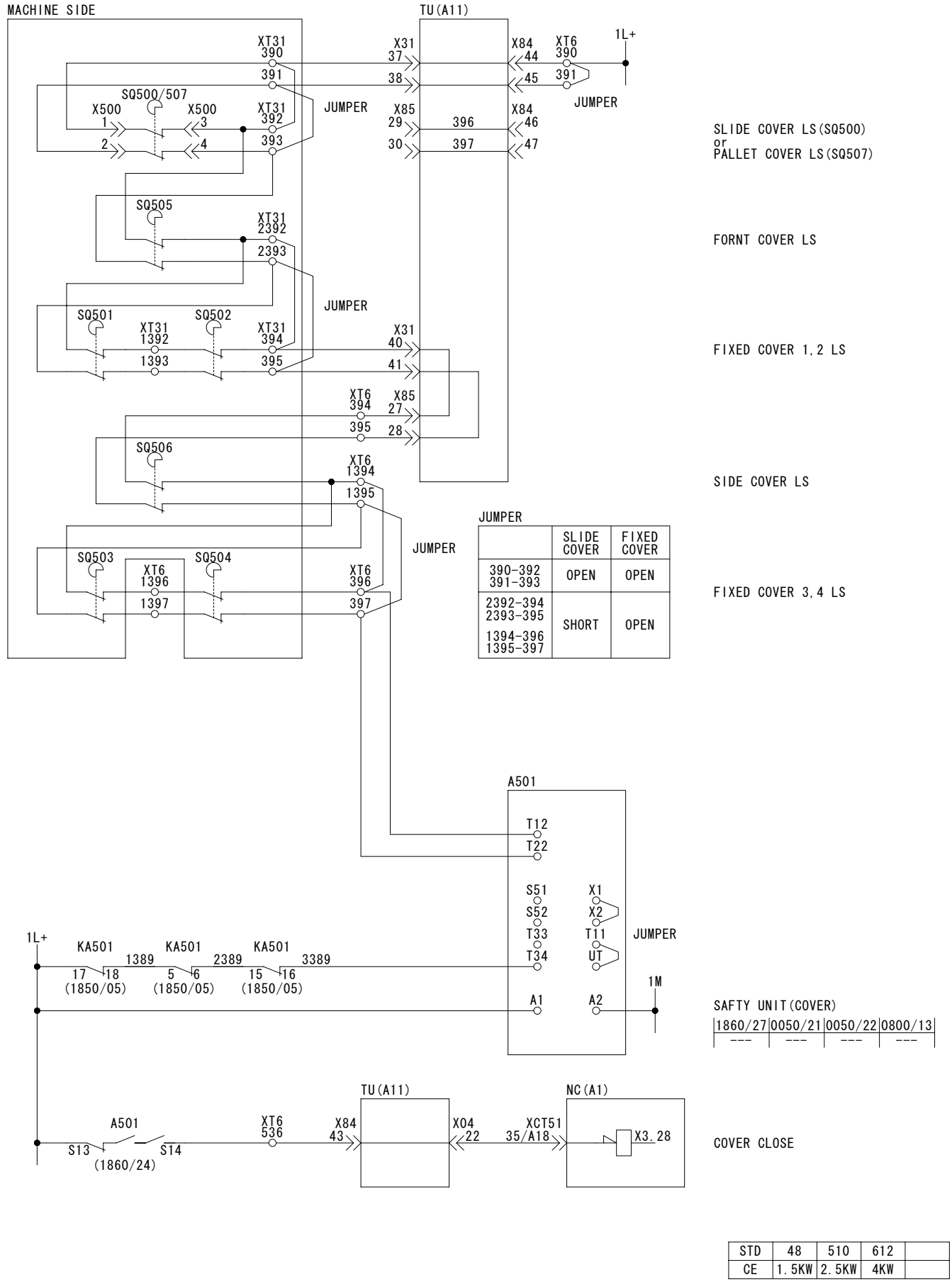

JUMPER	SLIDE COVER	FIXED COVER
390-392 391-393	OPEN	OPEN
2392-394 2393-395 1394-396 1395-397	SHORT	OPEN

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: CE COVER INTERLOCK

DRWN NO. 676 007 41860.0

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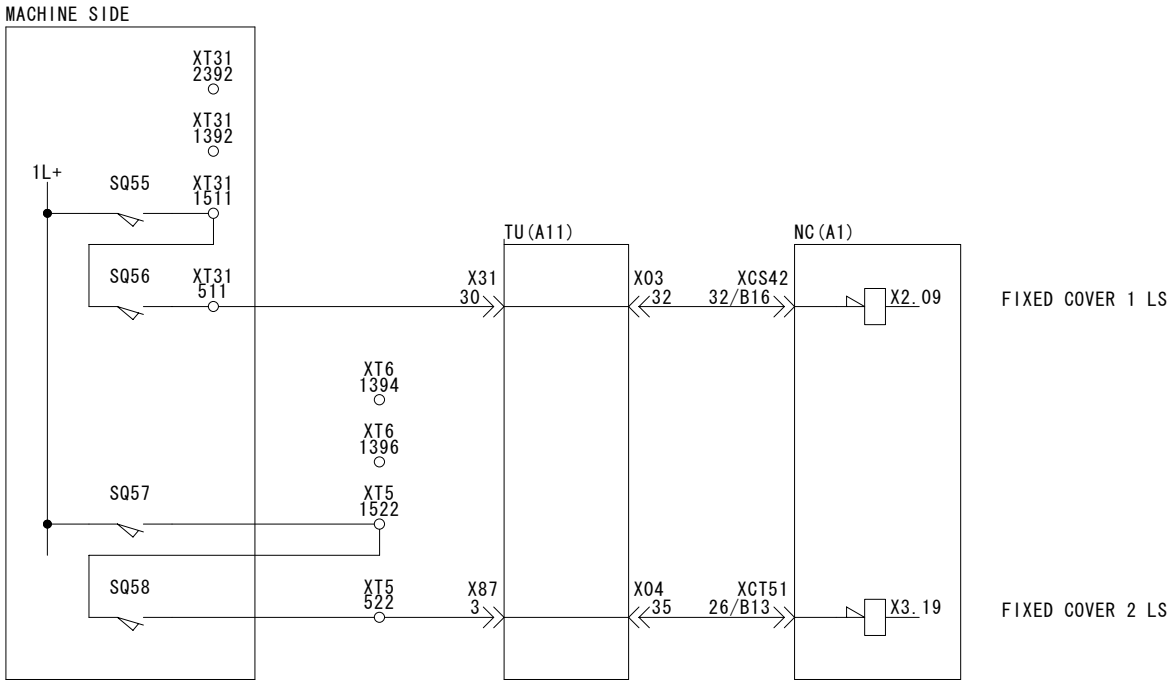

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	FIXED COVER (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41900.0

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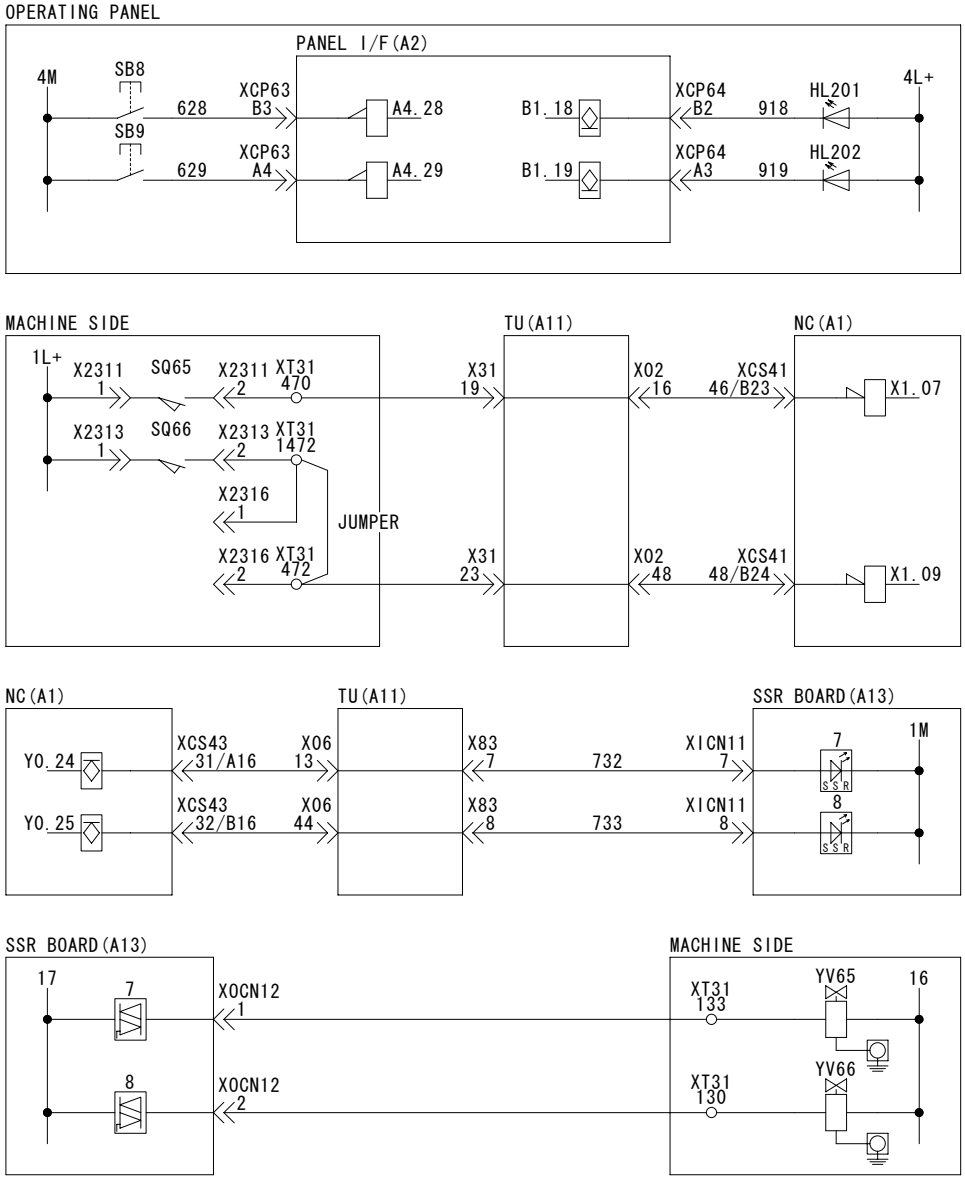

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET COVER (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 41950.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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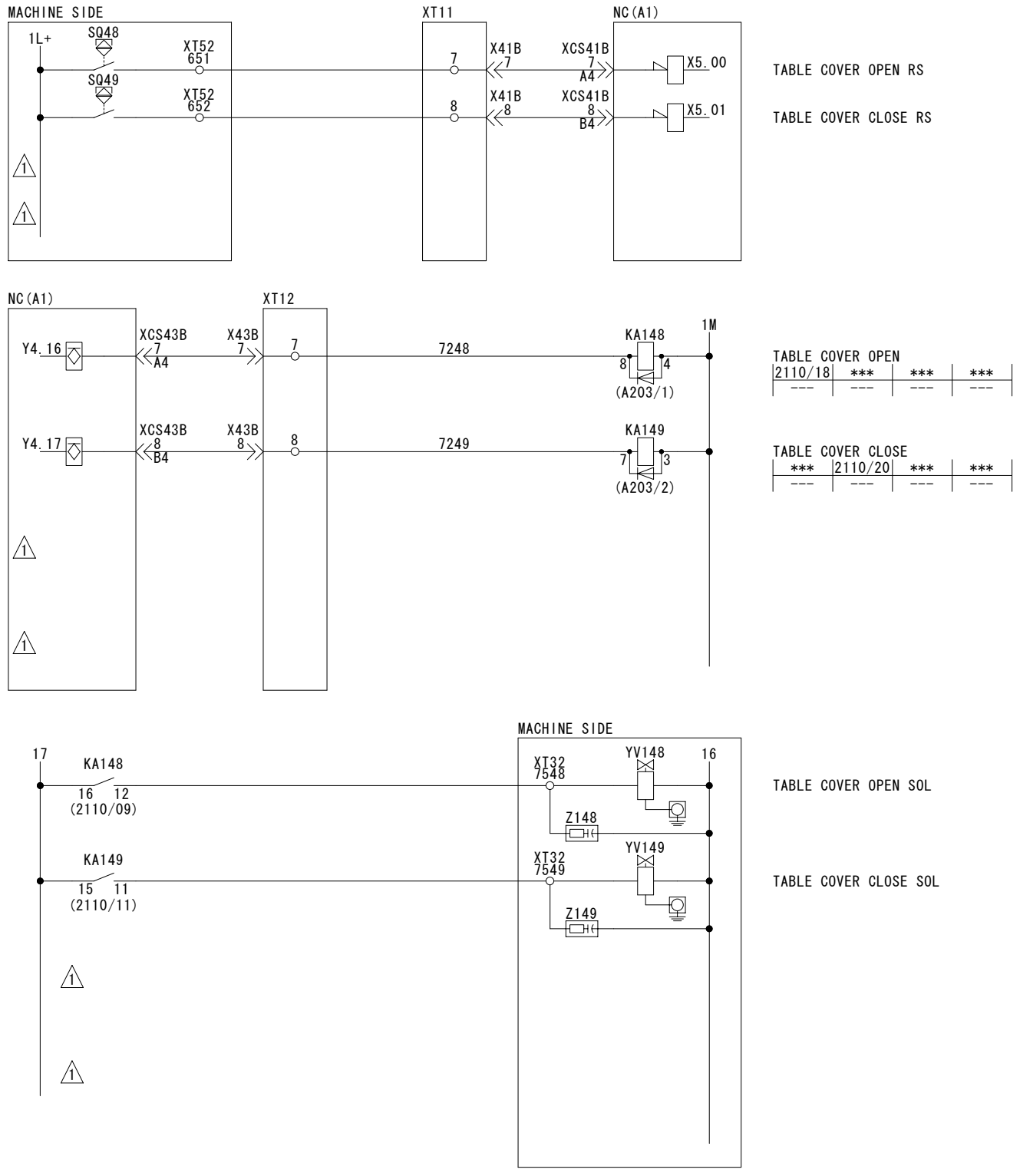

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	09/06/23	09/06/23	09/06/23	INTELLIGENT CONTROL (1)
	H Iryoda	M.Okajima	M.Okajima	
1 Edition Aug.20.'09 S.Yamasaki				DRWN NO. 676 007 42111.0

YAMAZAKI MAZAK CORPORATION

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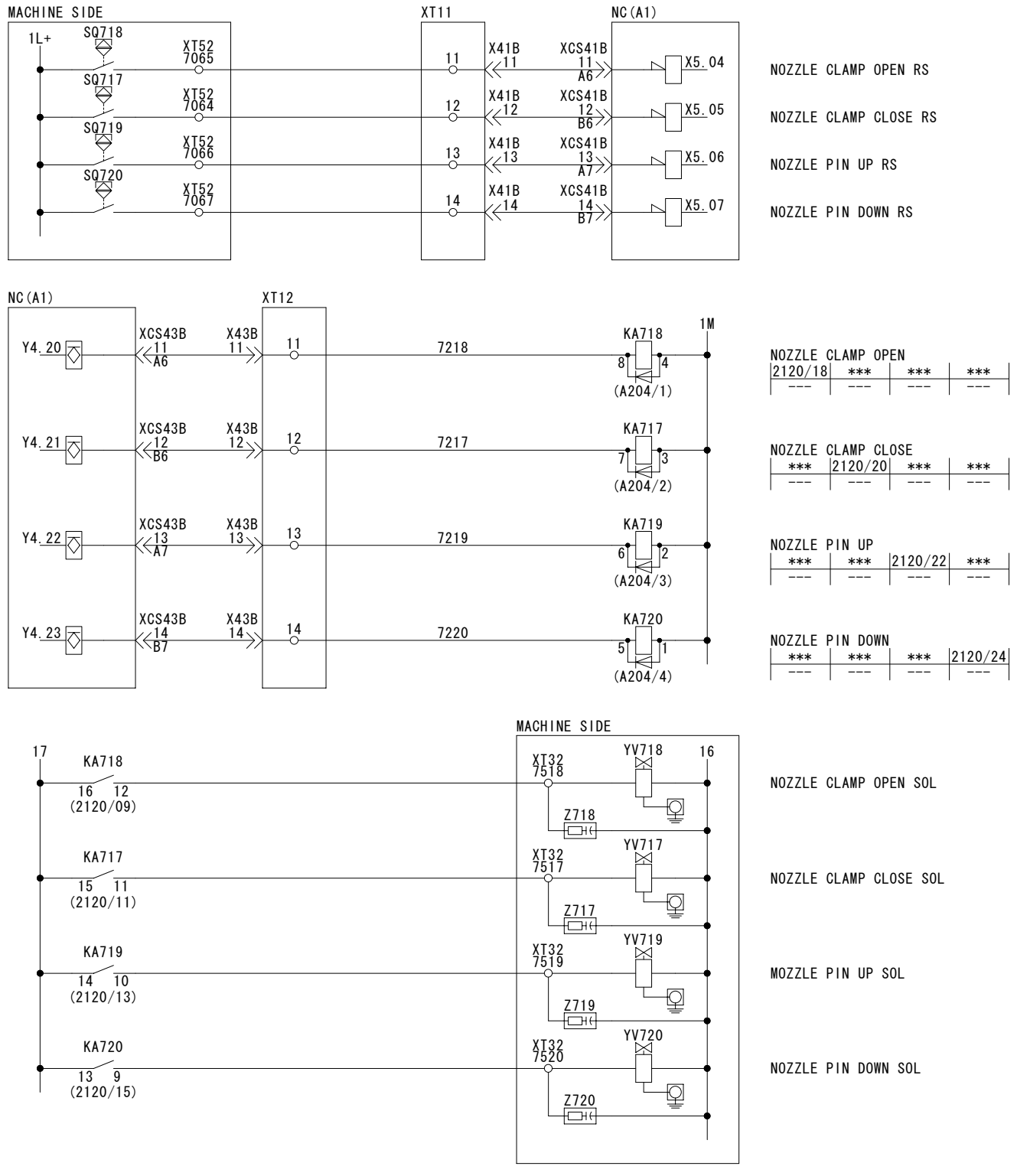

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	09/06/23	09/06/23	09/06/23	INTELLIGENT CONTROL (2)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 42120.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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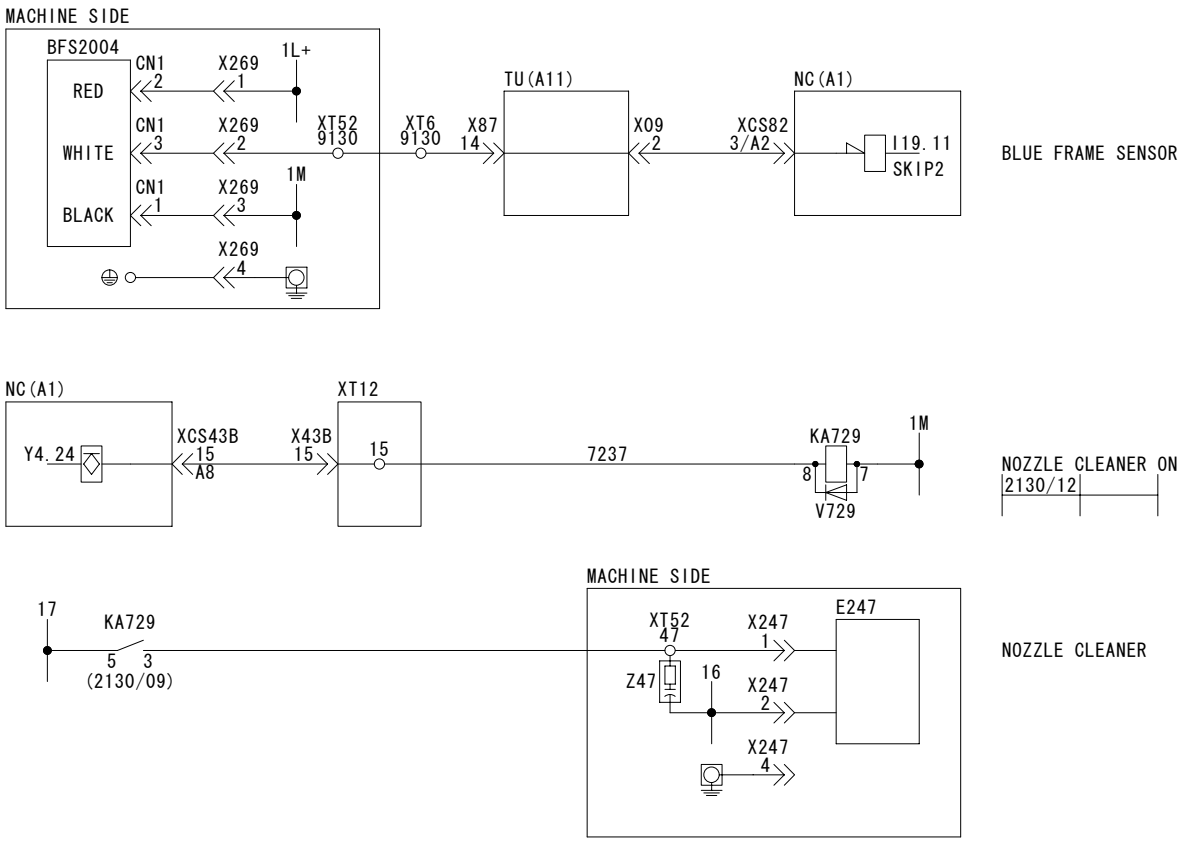
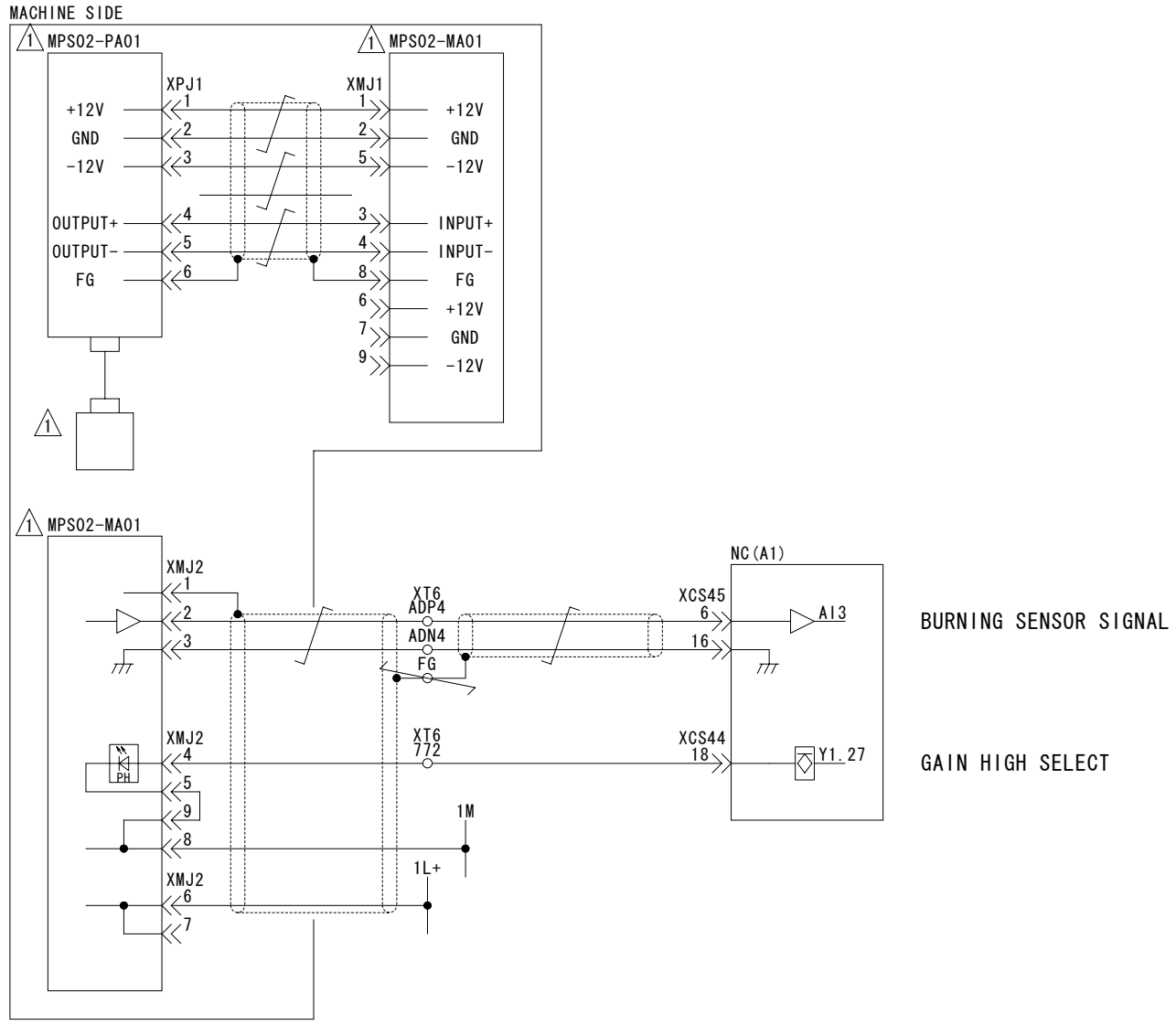


STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	09/06/23	09/06/23	09/06/23	INTELLIGENT CONTROL (3)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 42130.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
5	09/07/01	09/07/01	09/07/01	BURNING SENSOR
4				
3				
2				
1 Edition Aug.20.'09 S.Yamasaki	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 42211.0

YAMAZAKI MAZAK CORPORATION

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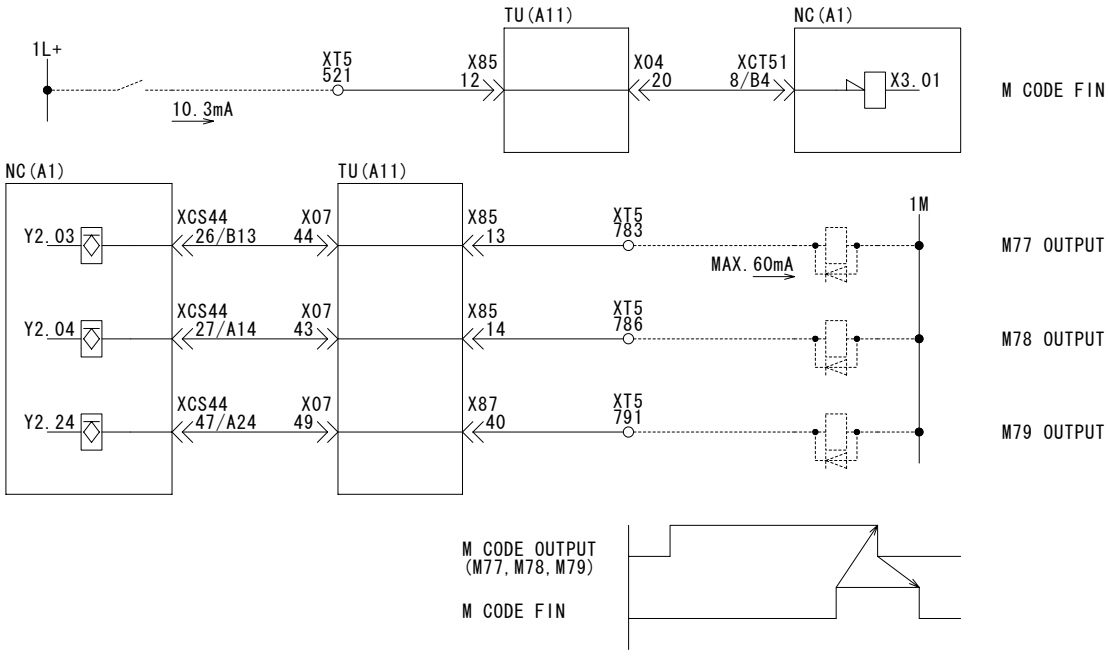
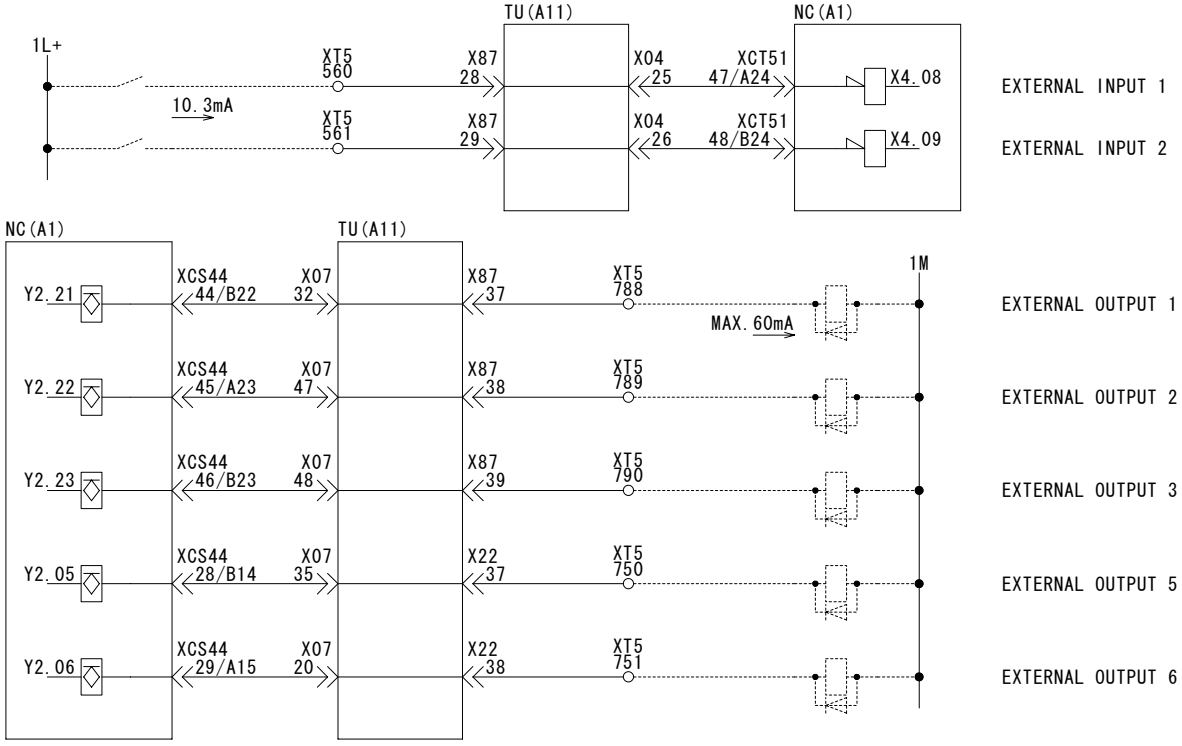
A B C D E F G H I J K L M

SPARE M CODE



EXTERNAL SIGNAL



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

APR'D BY	CHK'D BY	DRWN BY	TITLE
08/03/14	08/03/14	08/03/14	EXTERNAL SIGNAL (OPTION)
H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 42910.0

YAMAZAKI MAZAK CORPORATION

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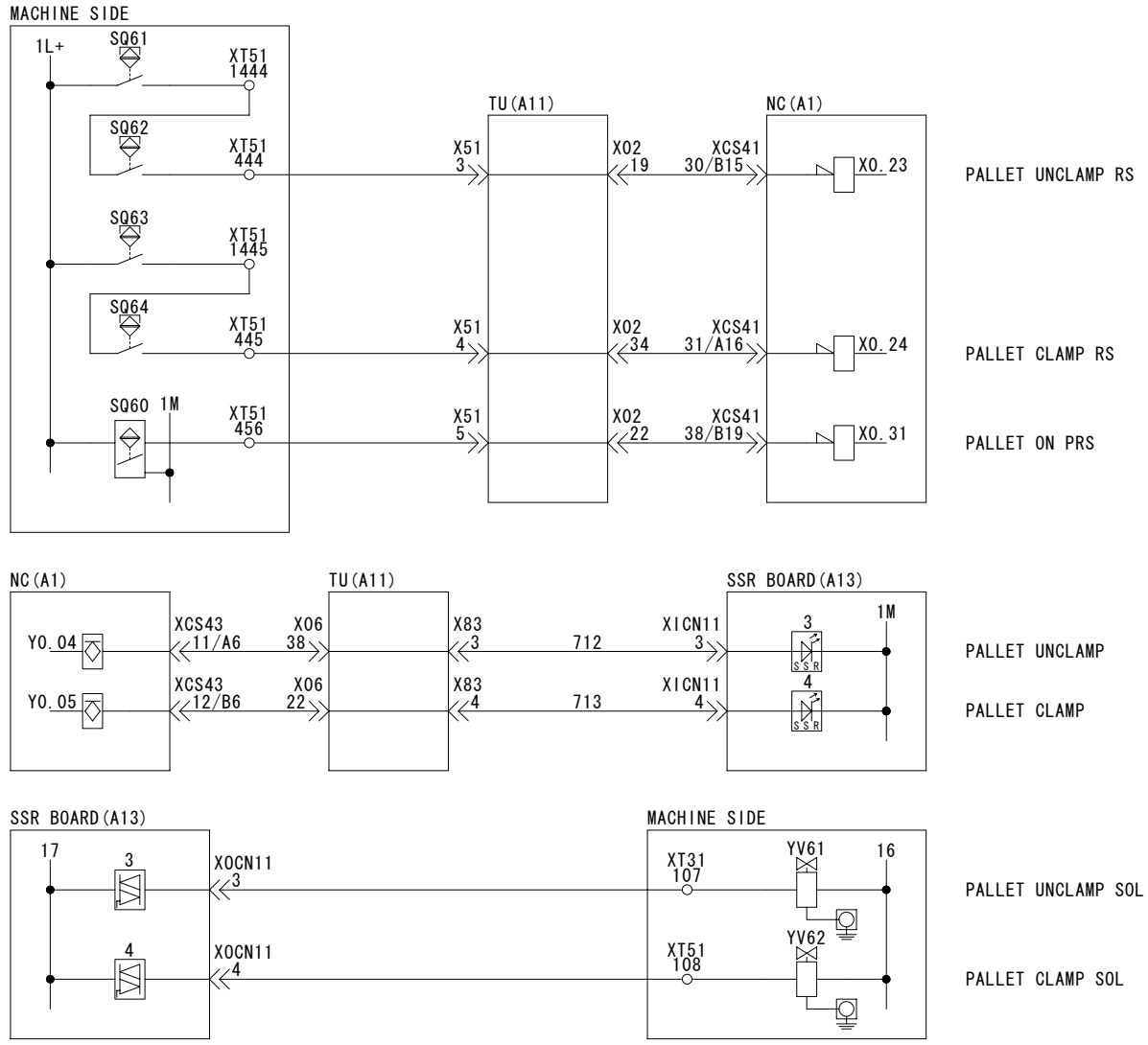

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CLAMP (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 43000.0

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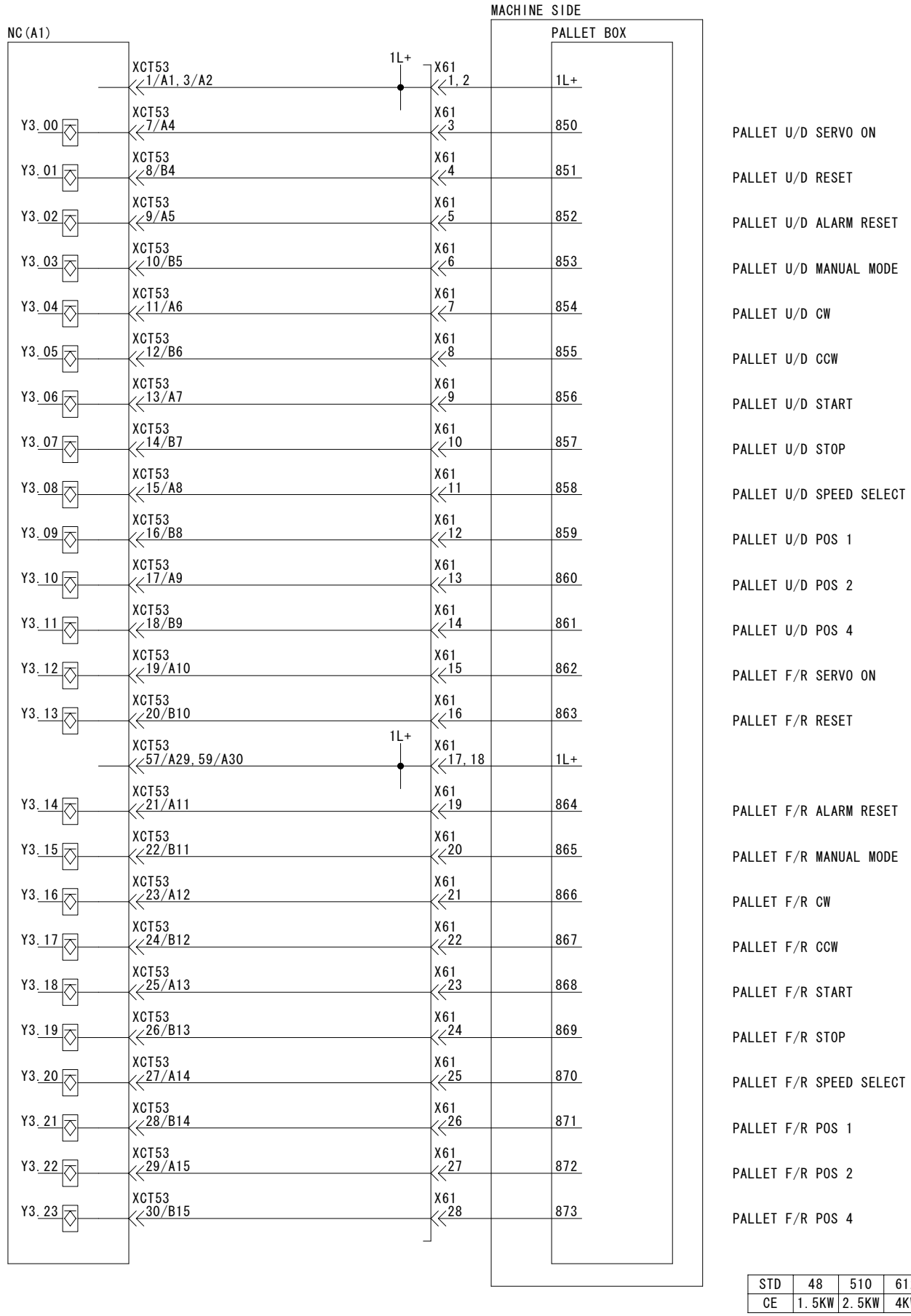
A B C D E F G H I J K L M
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
NC(A1)
MACHINE SIDE
PALLET BOX
1L+
XCT53 1/A1,3/A2
X61 1,2
1L+
Y3.00 XCT53 7/A4 X61 3 850 PALLET U/D SERVO ON
Y3.01 XCT53 8/B4 X61 4 851 PALLET U/D RESET
Y3.02 XCT53 9/A5 X61 5 852 PALLET U/D ALARM RESET
Y3.03 XCT53 10/B5 X61 6 853 PALLET U/D MANUAL MODE
Y3.04 XCT53 11/A6 X61 7 854 PALLET U/D CW
Y3.05 XCT53 12/B6 X61 8 855 PALLET U/D CCW
Y3.06 XCT53 13/A7 X61 9 856 PALLET U/D START
Y3.07 XCT53 14/B7 X61 10 857 PALLET U/D STOP
Y3.08 XCT53 15/A8 X61 11 858 PALLET U/D SPEED SELECT
Y3.09 XCT53 16/B8 X61 12 859 PALLET U/D POS 1
Y3.10 XCT53 17/A9 X61 13 860 PALLET U/D POS 2
Y3.11 XCT53 18/B9 X61 14 861 PALLET U/D POS 4
Y3.12 XCT53 19/A10 X61 15 862 PALLET F/R SERVO ON
Y3.13 XCT53 20/B10 X61 16 863 PALLET F/R RESET
1L+
XCT53 57/A29,59/A30
X61 17,18
1L+
Y3.14 XCT53 21/A11 X61 19 864 PALLET F/R ALARM RESET
Y3.15 XCT53 22/B11 X61 20 865 PALLET F/R MANUAL MODE
Y3.16 XCT53 23/A12 X61 21 866 PALLET F/R CW
Y3.17 XCT53 24/B12 X61 22 867 PALLET F/R CCW
Y3.18 XCT53 25/A13 X61 23 868 PALLET F/R START
Y3.19 XCT53 26/B13 X61 24 869 PALLET F/R STOP
Y3.20 XCT53 27/A14 X61 25 870 PALLET F/R SPEED SELECT
Y3.21 XCT53 28/B14 X61 26 871 PALLET F/R POS 1
Y3.22 XCT53 29/A15 X61 27 872 PALLET F/R POS 2
Y3.23 XCT53 30/B15 X61 28 873 PALLET F/R POS 4

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET INTERFACE(1) (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 43100.0

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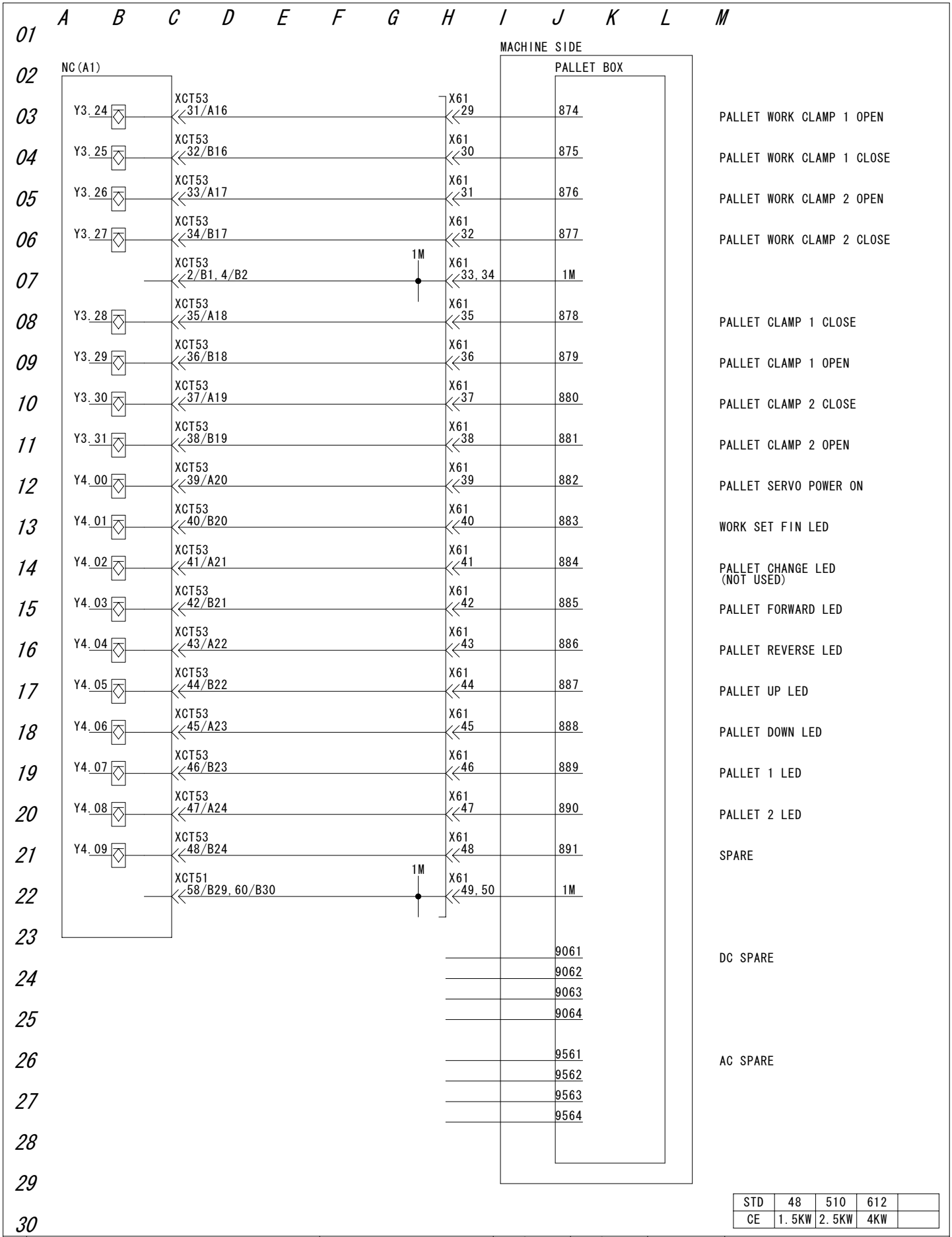
MACHINE SIDE
NC(A1)
PALLET BOX
Y3.24 XCT53 31/A16 X61 29 874 PALLET WORK CLAMP 1 OPEN
Y3.25 XCT53 32/B16 X61 30 875 PALLET WORK CLAMP 1 CLOSE
Y3.26 XCT53 33/A17 X61 31 876 PALLET WORK CLAMP 2 OPEN
Y3.27 XCT53 34/B17 X61 32 877 PALLET WORK CLAMP 2 CLOSE
1M
XCT53 2/B1,4/B2 X61 33,34 1M
Y3.28 XCT53 35/A18 X61 35 878 PALLET CLAMP 1 CLOSE
Y3.29 XCT53 36/B18 X61 36 879 PALLET CLAMP 1 OPEN
Y3.30 XCT53 37/A19 X61 37 880 PALLET CLAMP 2 CLOSE
Y3.31 XCT53 38/B19 X61 38 881 PALLET CLAMP 2 OPEN
Y4.00 XCT53 39/A20 X61 39 882 PALLET SERVO POWER ON
Y4.01 XCT53 40/B20 X61 40 883 WORK SET FIN LED
Y4.02 XCT53 41/A21 X61 41 884 PALLET CHANGE LED (NOT USED)
Y4.03 XCT53 42/B21 X61 42 885 PALLET FORWARD LED
Y4.04 XCT53 43/A22 X61 43 886 PALLET REVERSE LED
Y4.05 XCT53 44/B22 X61 44 887 PALLET UP LED
Y4.06 XCT53 45/A23 X61 45 888 PALLET DOWN LED
Y4.07 XCT53 46/B23 X61 46 889 PALLET 1 LED
Y4.08 XCT53 47/A24 X61 47 890 PALLET 2 LED
Y4.09 XCT53 48/B24 X61 48 891 SPARE
1M
XCT51 58/B29,60/B30 X61 49,50 1M
9061 9062 9063 9064 DC SPARE
9561 9562 9563 9564 AC SPARE

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET INTERFACE(2) (OPTION)
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 43110.0

YAMAZAKI MAZAK CORPORATION

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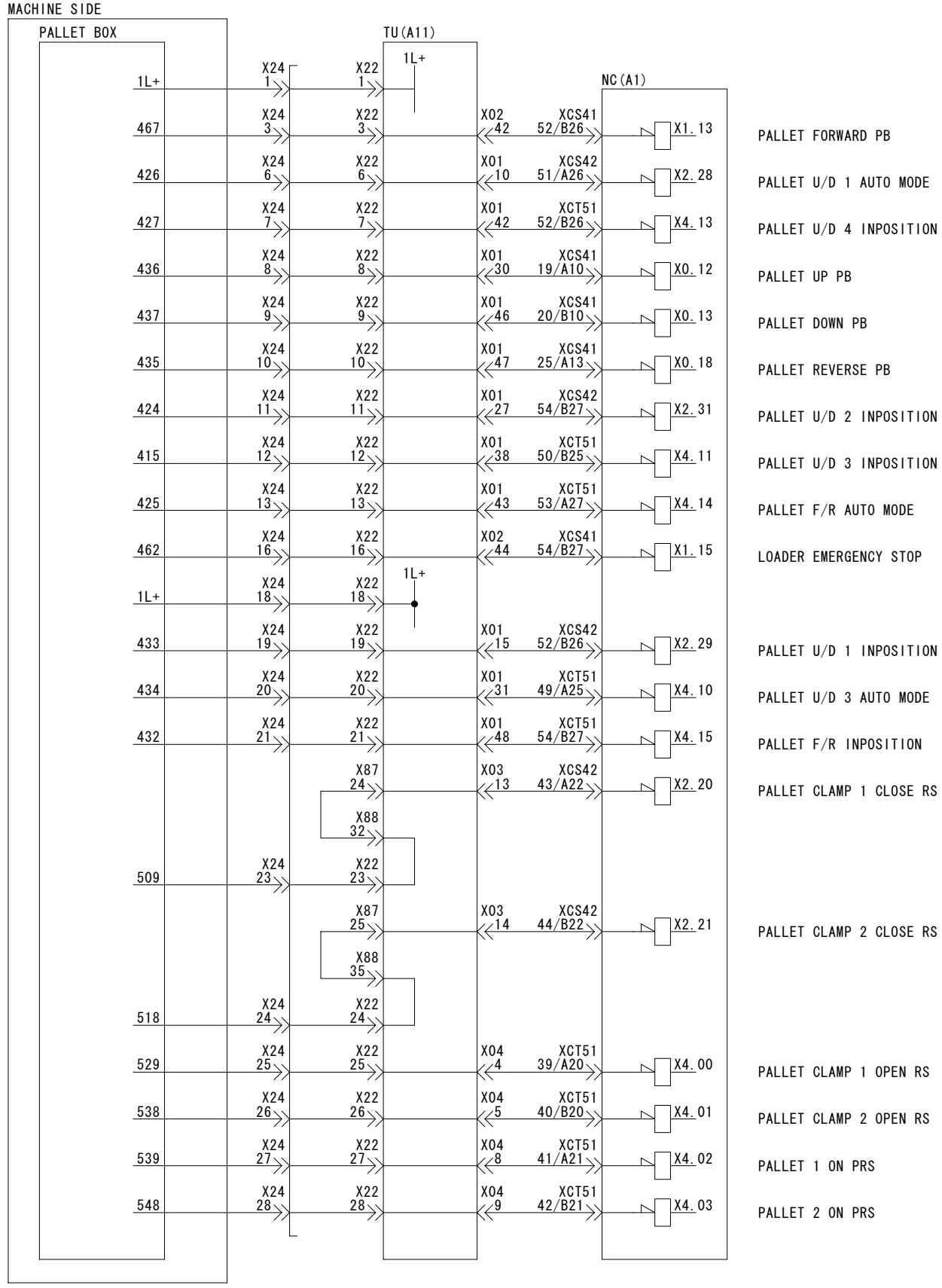

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET INTERFACE(3) (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 43120.0

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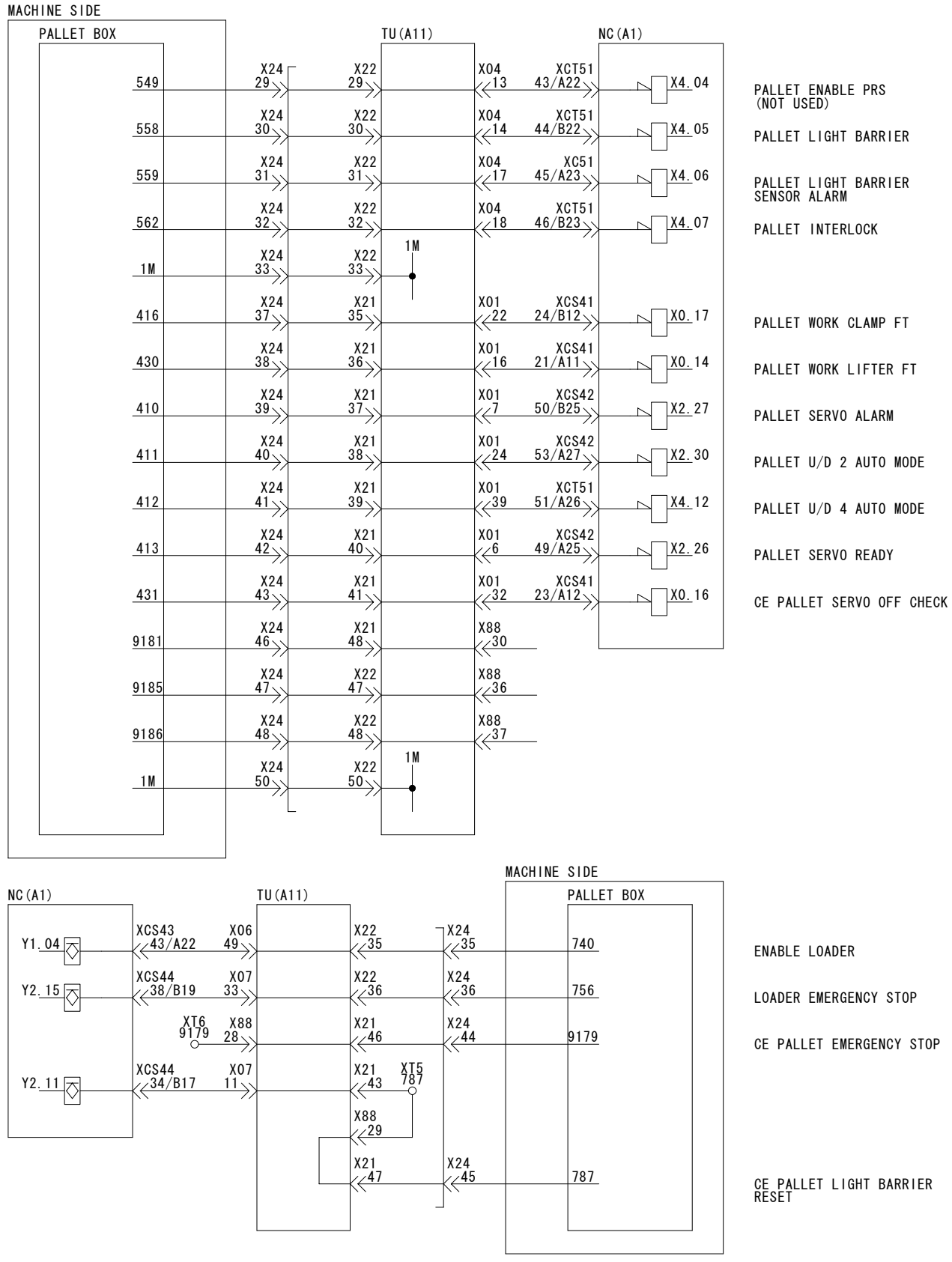

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET INTERFACE(4) (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 43130.0

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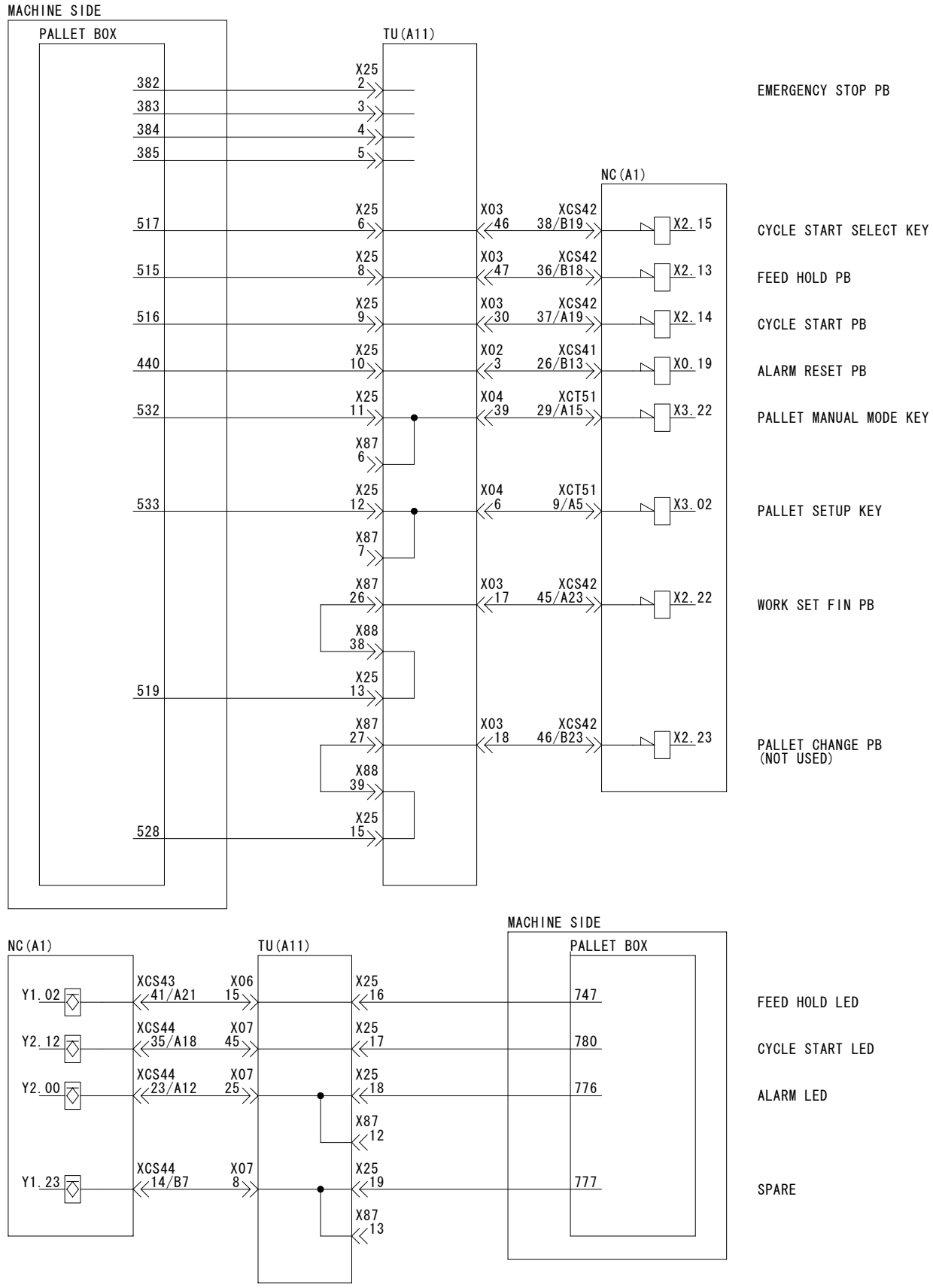

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: PALLET INTERFACE(5) (OPTION)

DRWN NO. 676 007 43140.0

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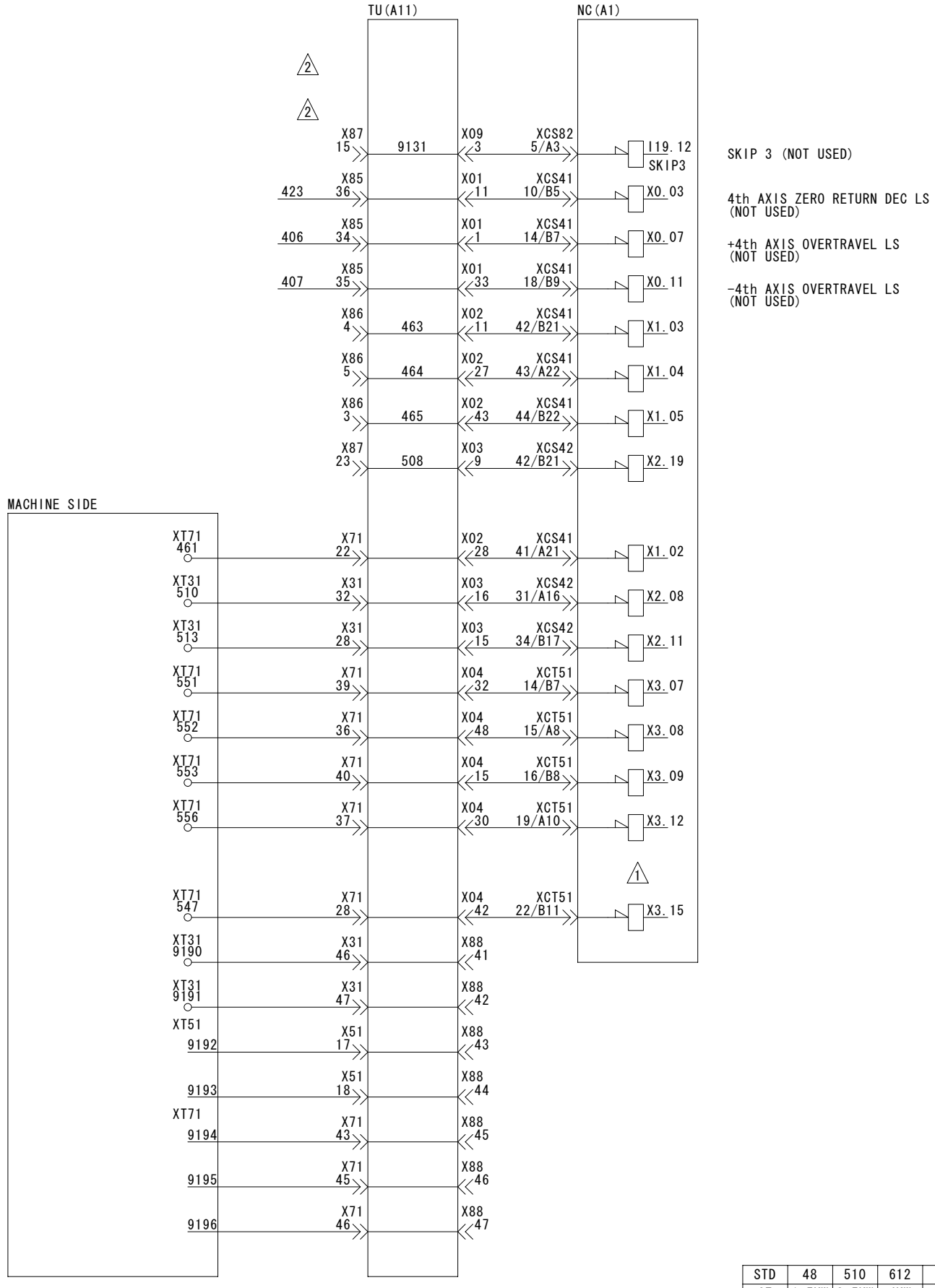

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PC INPUT SPARE
△2 Edition Jul.06.'09 S.Yamasaki	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 47012.0
△1 Edition May.29.'08 K.Fukushige				

YAMAZAKI MAZAK CORPORATION

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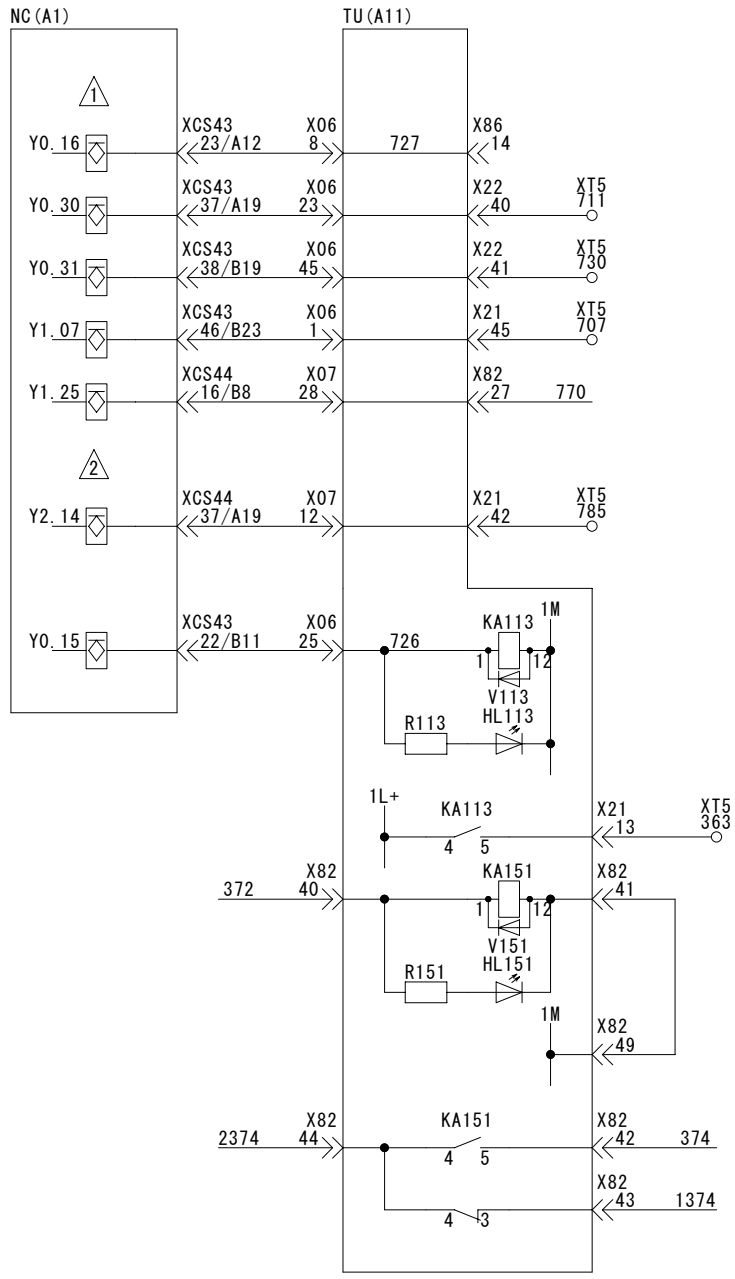

LASER HIGH VOLTAGE ON

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤					
④					
③					
② Edition Jul.06.'09 S.Yamasaki	Mazak YAMAZAKI MAZAK CORPORATION	08/03/14 H Iryoda	08/03/14 M.Okajima	08/03/14 M.Okajima	PC OUTPUT SPARE
① Edition May.29.'08 K.Fukushige					DRWN NO. 676 007 47022.0

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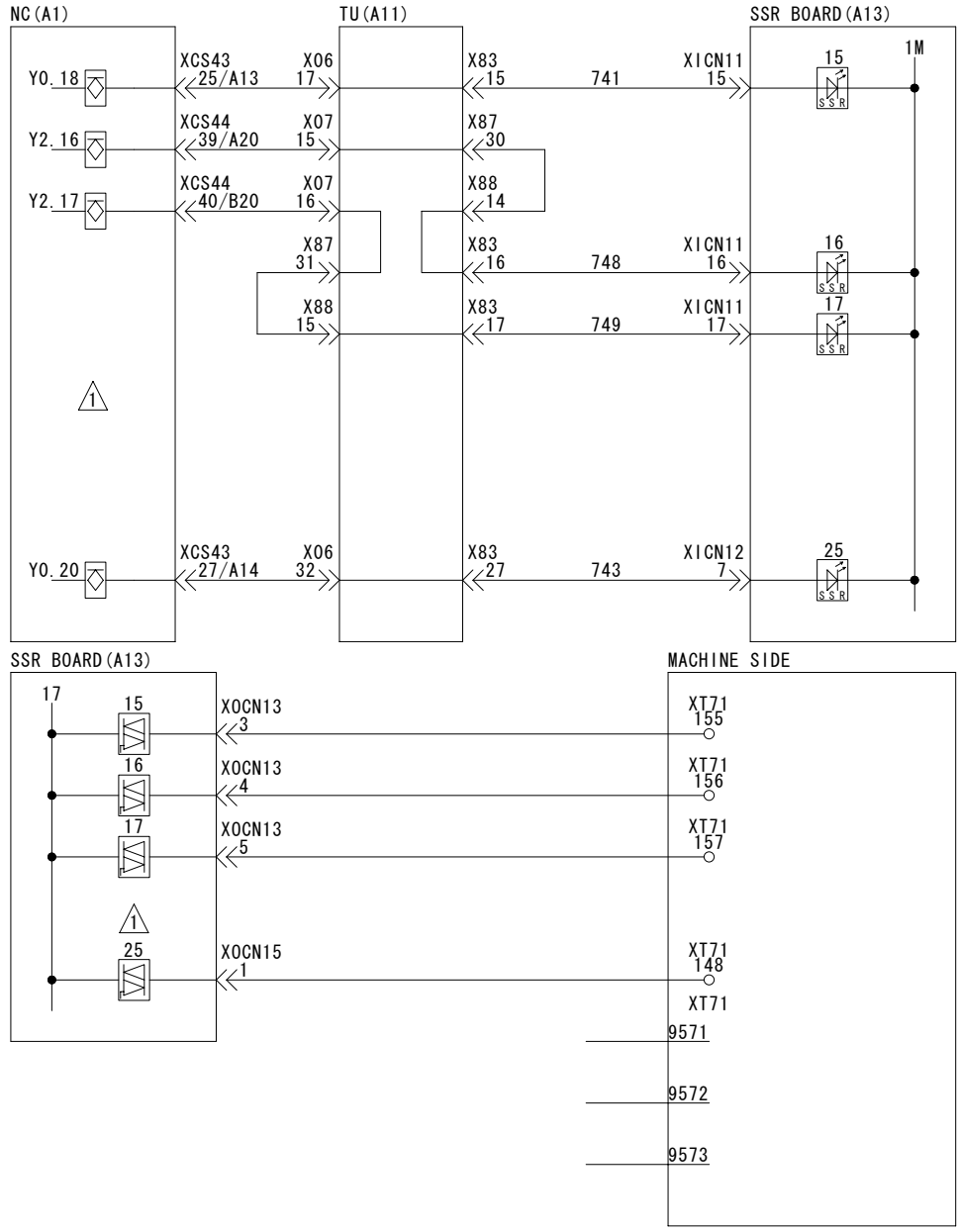

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤	08/03/14	08/03/14	08/03/14	AC SPARE
④	H Iryoda	M.Okajima	M.Okajima	
③				
②				DRWN NO. 676 007 47051.0
① Edition Jan.15.'09 M.Okajima				

YAMAZAKI MAZAK CORPORATION

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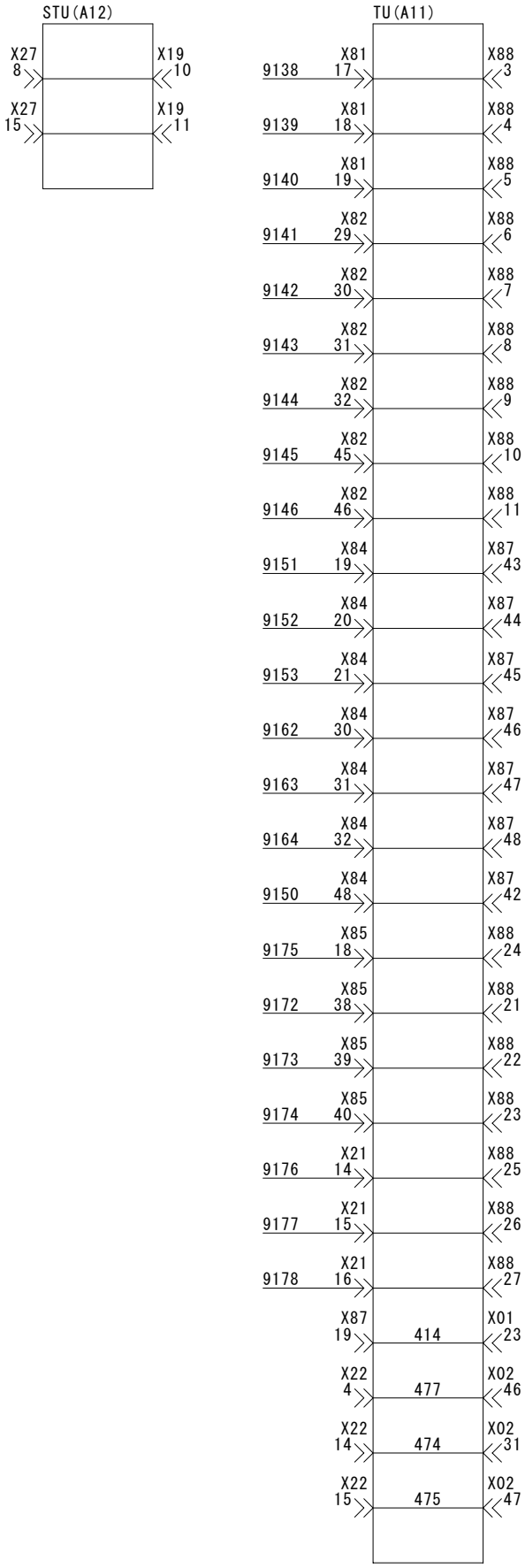

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	TU SPARE
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 47060.0

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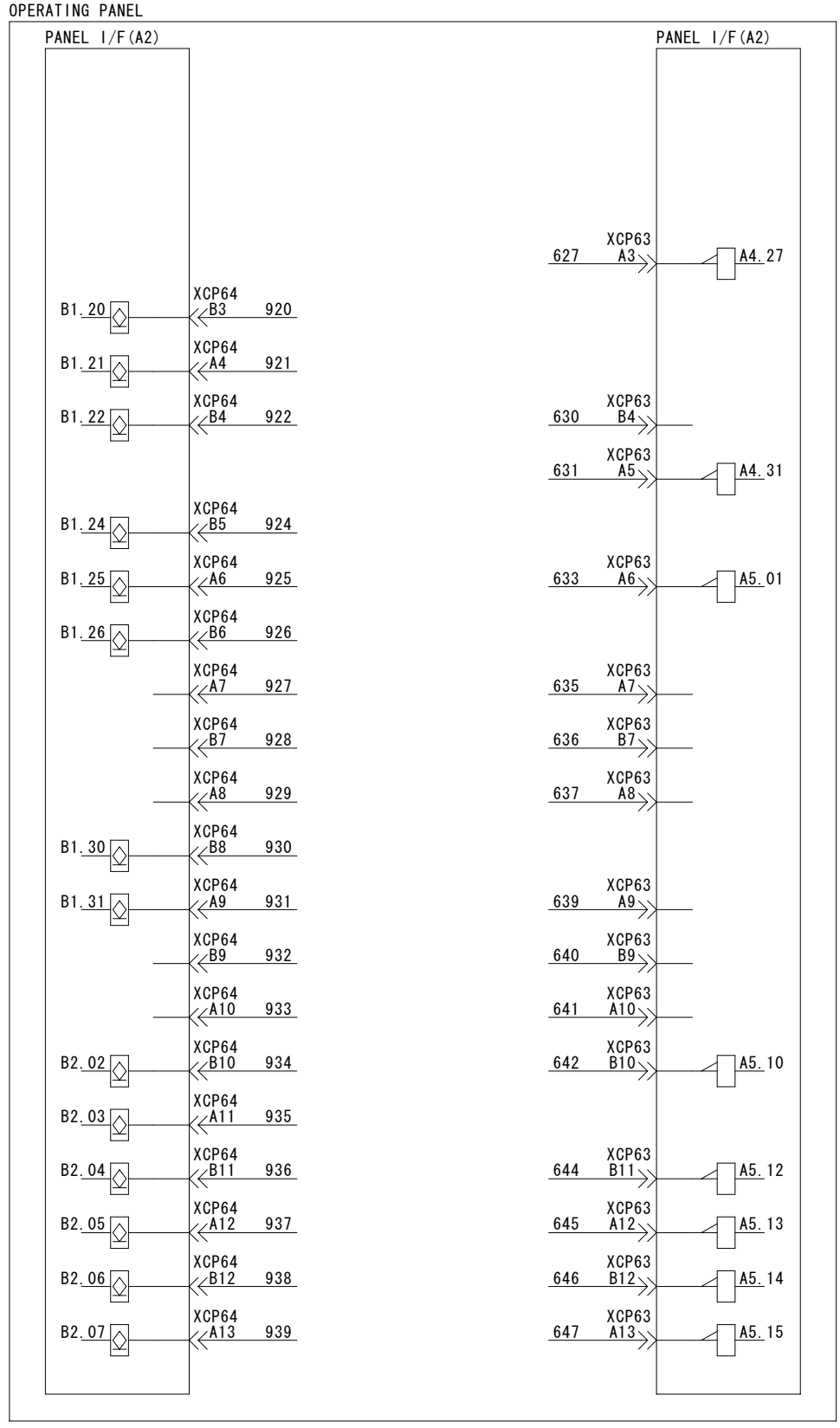

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	OPERATING PANEL SPARE
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 47070.0

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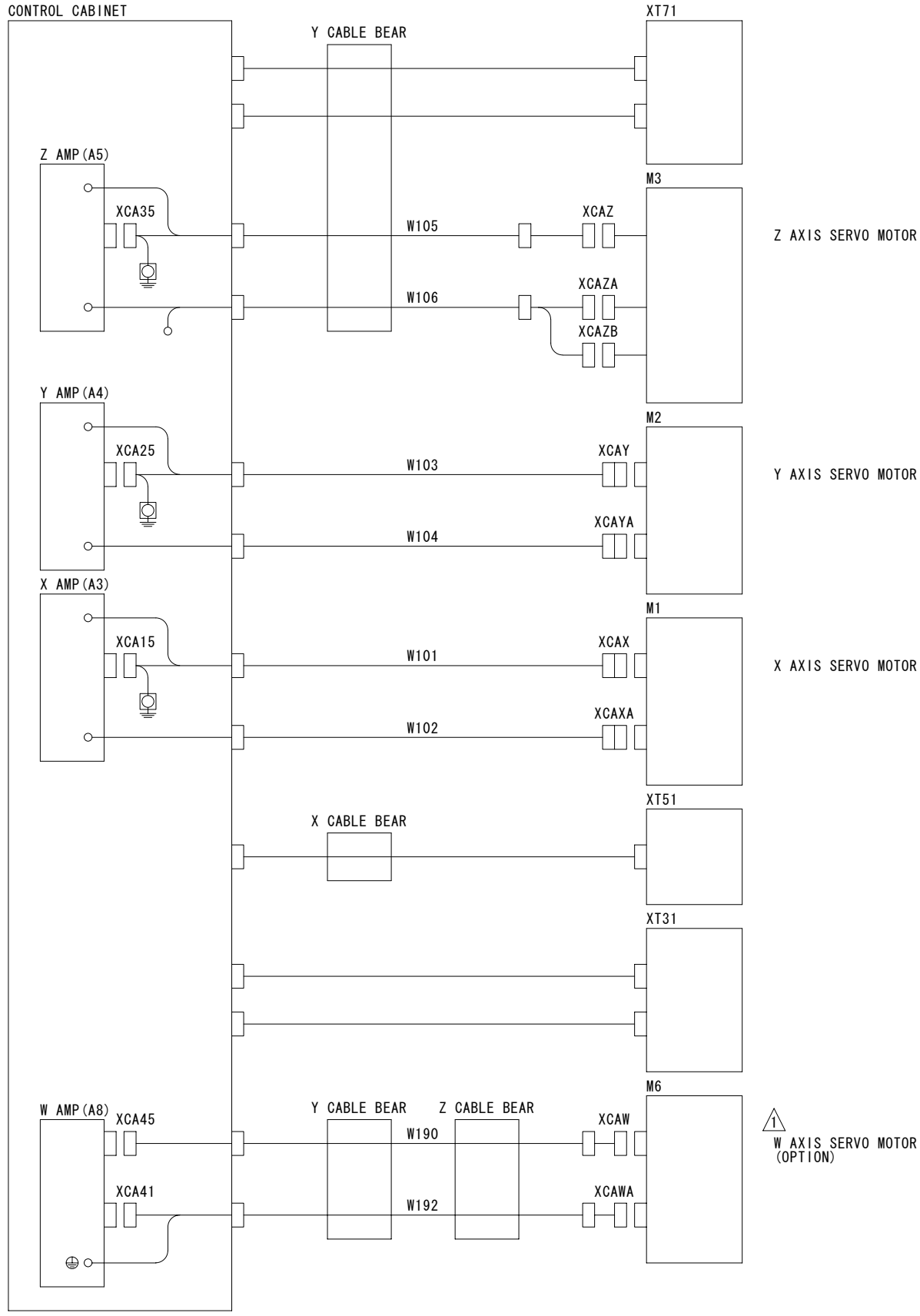

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
5	08/03/14	08/03/14	08/03/14	CONTROL CABINET (1)
4				
3				
2				
1 Edition Jan.15.'09 M.Okajima	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30111.0

YAMAZAKI MAZAK CORPORATION

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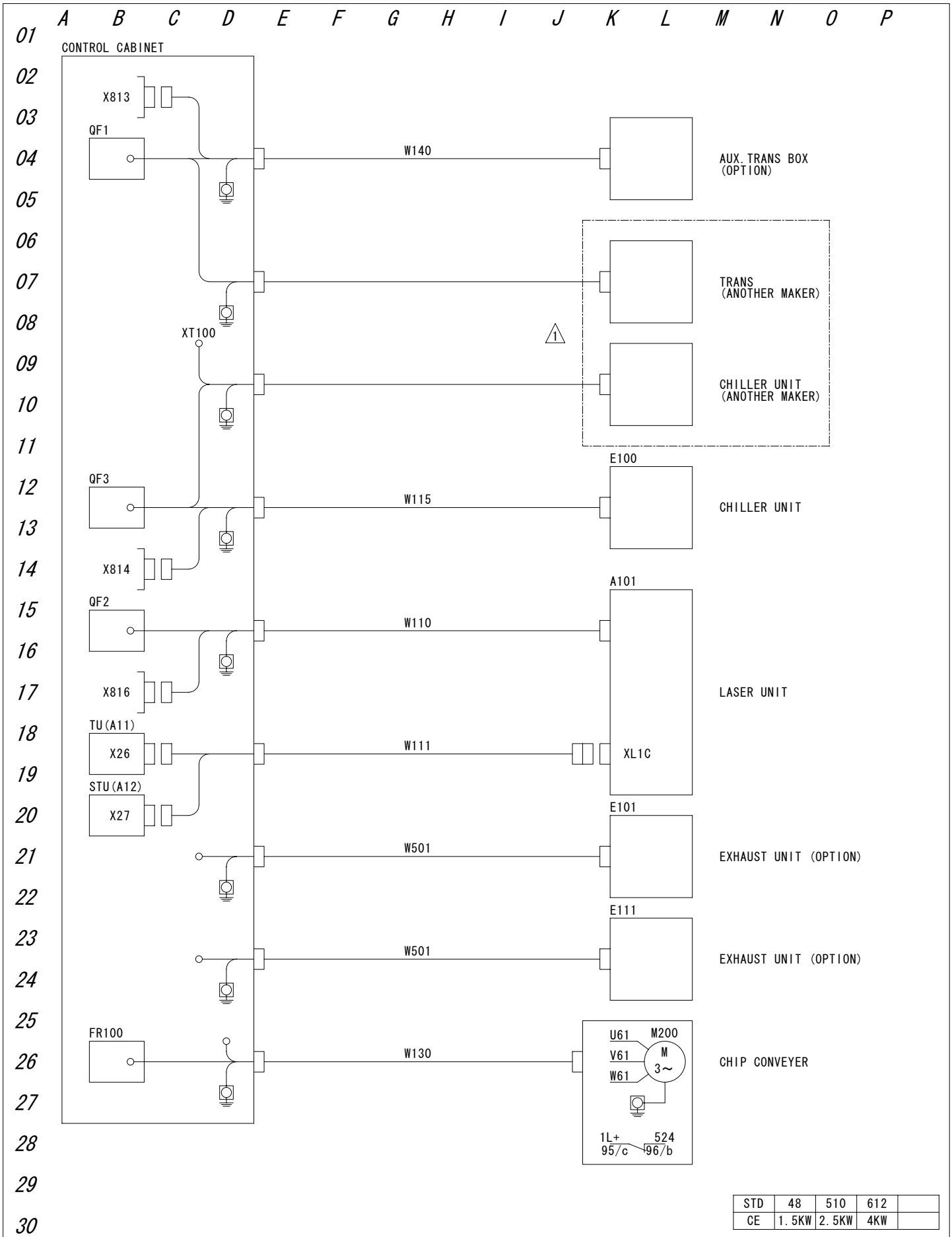

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
5	08/03/14	08/03/14	08/03/14	CONTROL CABINET (2)
4				
3				
2	H Iryoda	M.Okajima	M.Okajima	
1 Edition Jan.14.'09 M.Okajima				DRWN NO. 676 007 30121.0

Mazak
YAMAZAKI MAZAK CORPORATION

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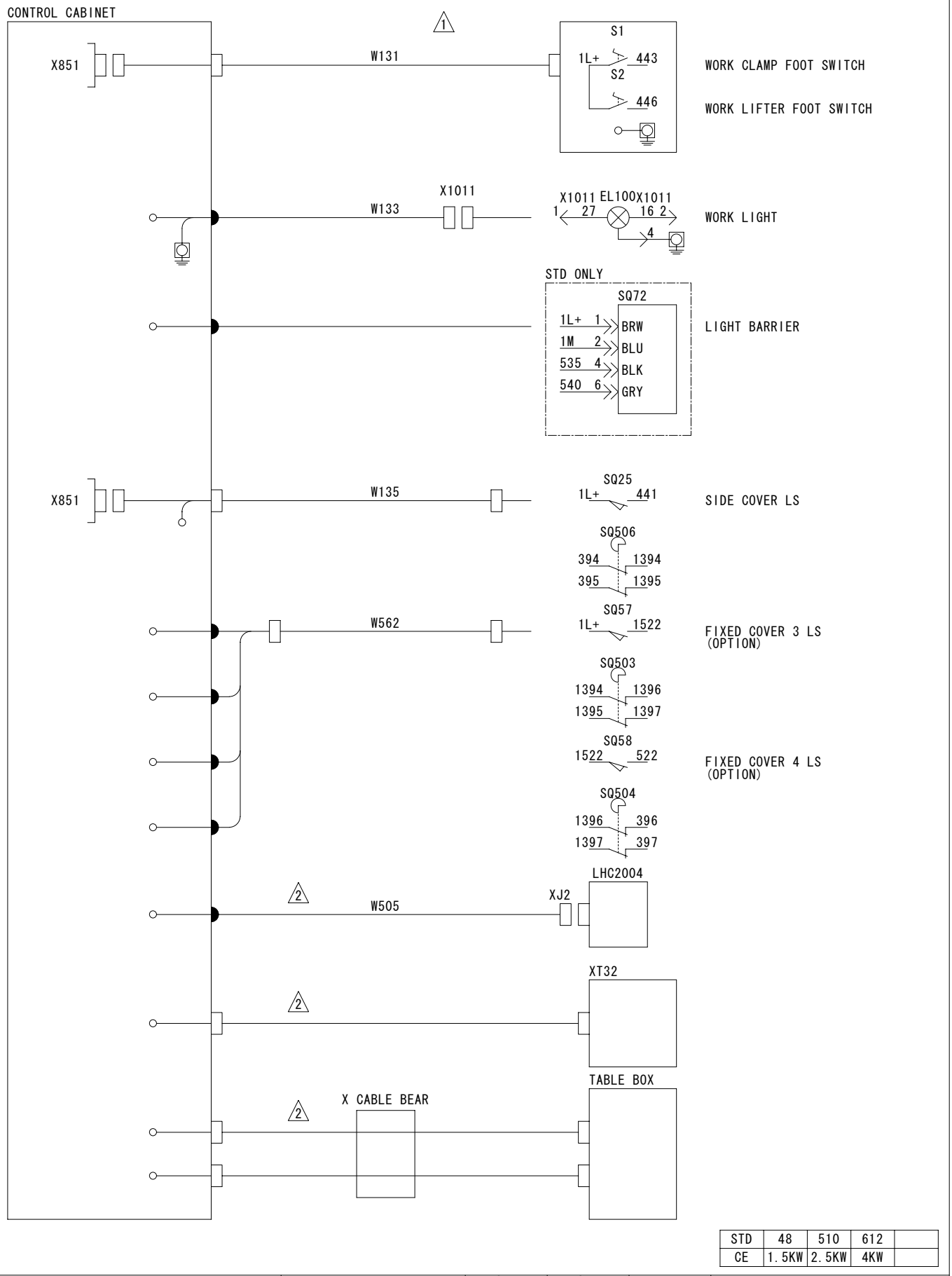

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
5					
4					
3					
2	Edition Jul.06.'09 S.Yamasaki	08/03/14	08/03/14	08/03/14	CONTROL CABINET (3)
1	Edition Jan.14.'09 M.Okajima	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30132.0

YAMAZAKI MAZAK CORPORATION

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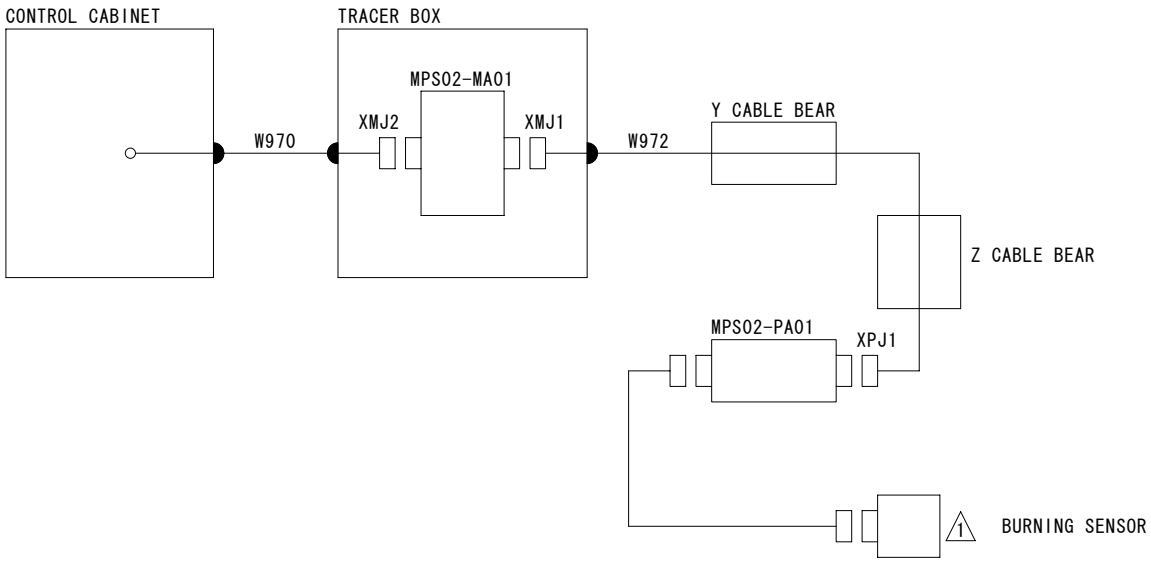

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
5				CONTROL CABINET (4)
4	09/07/03	09/07/03	09/07/03	
3				
2	H Iryoda	M.Okajima	M.Okajima	
1 Edition Aug.20.'09 S.Yamasaki				DRWN NO. 676 007 30141.0

YAMAZAKI MAZAK CORPORATION

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XCAX

PIN	LINE NO.
A	XPA1
B	XPA2
C	XPB1
D	XPB2
E	XPZ1
F	XPZ2
G	XSG
H	XVCC
J	XFG
K	XC11
L	XC12
M	XC21
N	XC22
P	XC31
R	XC32
S	XTH1
T	XTH2

XCAY

PIN	LINE NO.
A	YPA1
B	YPA2
C	YPB1
D	YPB2
E	YPZ1
F	YPZ2
G	YSG
H	YVCC
J	YFG
K	YC11
L	YC12
M	YC21
N	YC22
P	YC31
R	YC32
S	YTH1
T	YTH2

XCAZ

PIN	LINE NO.
1	ZPA1
2	ZPA2
3	ZPB1
4	ZPB2
5	ZPZ1
6	ZPZ2
7	ZC11
8	ZC12
9	ZC21
10	ZC22
11	ZC31
12	ZC32
13	ZVCC
14	ZSG
15	ZFG

XL1C

PIN	LINE NO.
A	311
B	312
C	320
D	314
E	315
F	319
G	316
H	317
J	1M
K	---
L	---
M	---
N	---
O	480
P	481
Q	482
R	483
S	484
T	485
U	486
V	487
W	490
X	491
Y	492
Z	493
a	494
b	495
c	496
d	497
e	500
f	501
g	502
h	503
j	504
k	505
m	506
n	507
p	1L+
q	1M
r	---
s	---
t	DAP1
u	DAN1
v	LPP1
w	LPG1
x	---
y	ADP1
z	ADN1

XCAXA

PIN	LINE NO.
A	U1
B	V1
C	W1
D	⏚

XCAYA

PIN	LINE NO.
A	U2
B	V2
C	W2
D	⏚

XCAZA

PIN	LINE NO.
1	U3
2	V3
3	W3
4	⏚

XCAZB

PIN	LINE NO.
1	366
2	1M

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	CONTROL CABINET (5)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30150.0

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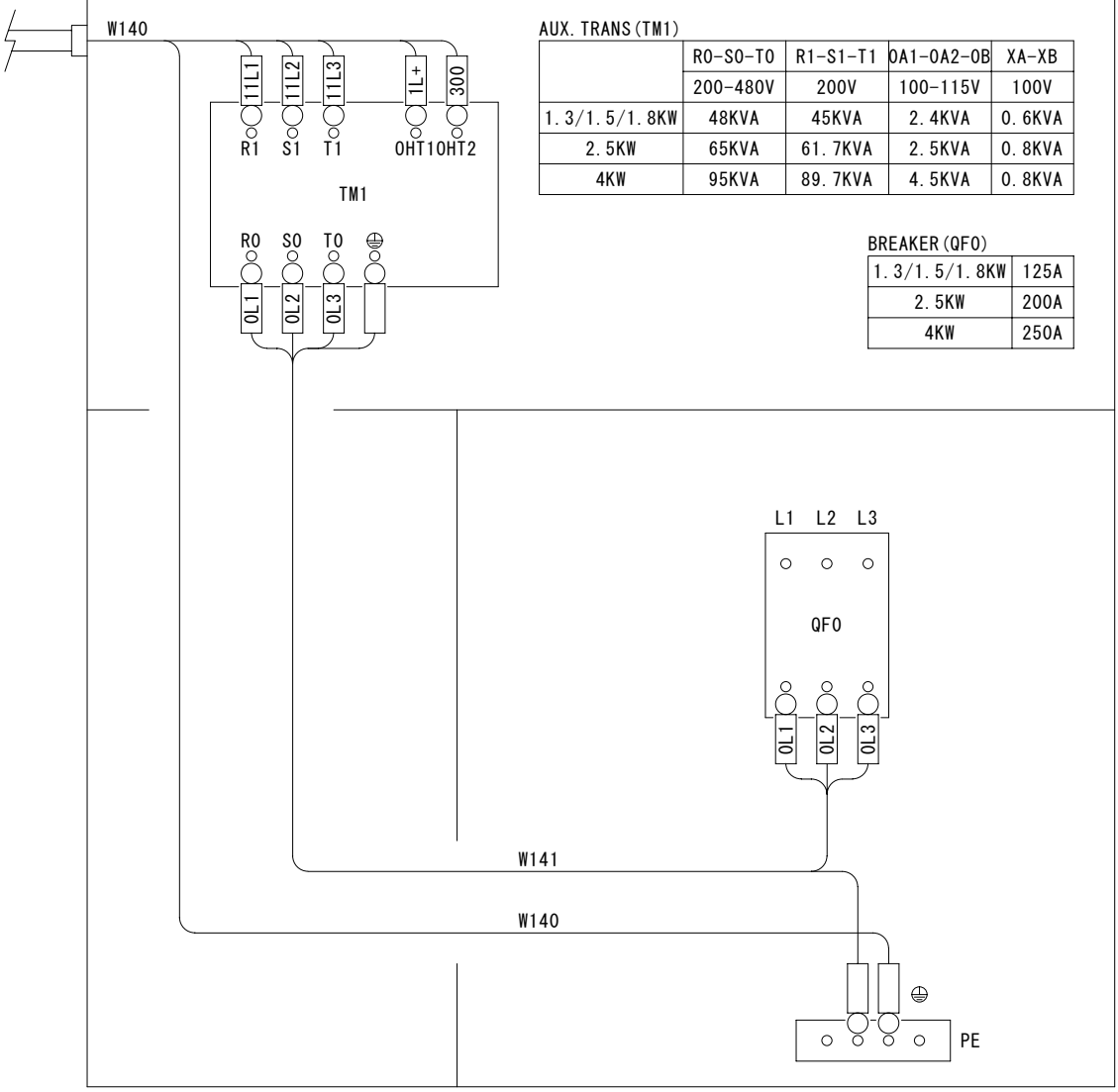
A B C D E F G H I J K L M N O P

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

△1

AUX. TRANS BOX



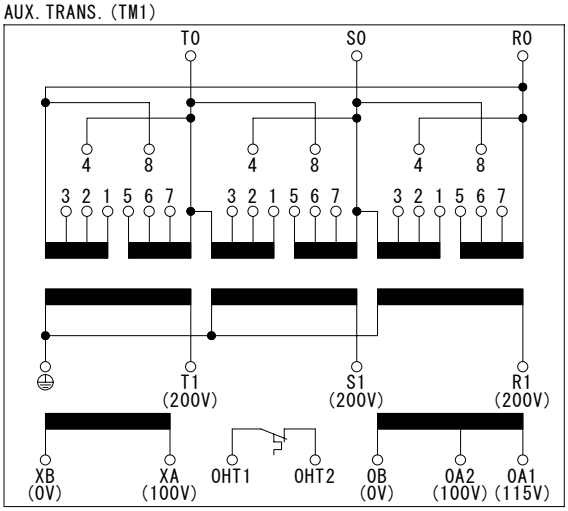
AUX. TRANS(TM1)

	R0-S0-T0	R1-S1-T1	0A1-0A2-0B	XA-XB
	200-480V	200V	100-115V	100V
1.3/1.5/1.8KW	48KVA	45KVA	2.4KVA	0.6KVA
2.5KW	65KVA	61.7KVA	2.5KVA	0.8KVA
4KW	95KVA	89.7KVA	4.5KVA	0.8KVA

BREAKER(QF0)

1.3/1.5/1.8KW	125A
2.5KW	200A
4KW	250A

AUX. TRANS. (TM1)



L1-L2-L3	JUMPER	L1-L2-L3	JUMPER
200V	3-4, 7-8	380V	3-7
220V	2-4, 6-8	400/415V	3-6
230/240V	1-4, 5-8	440V	2-6
		460V	2-5
		480V	1-5

STD	48	510	612	
~~CE~~	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
△5		08/03/14	08/03/14	08/03/14	AUX. TRANS BOX
△4					
△3					
△2					
△1	Edition Jan.14.'09 M.Okajima	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30161,0

Mazak YAMAZAKI MAZAK CORPORATION

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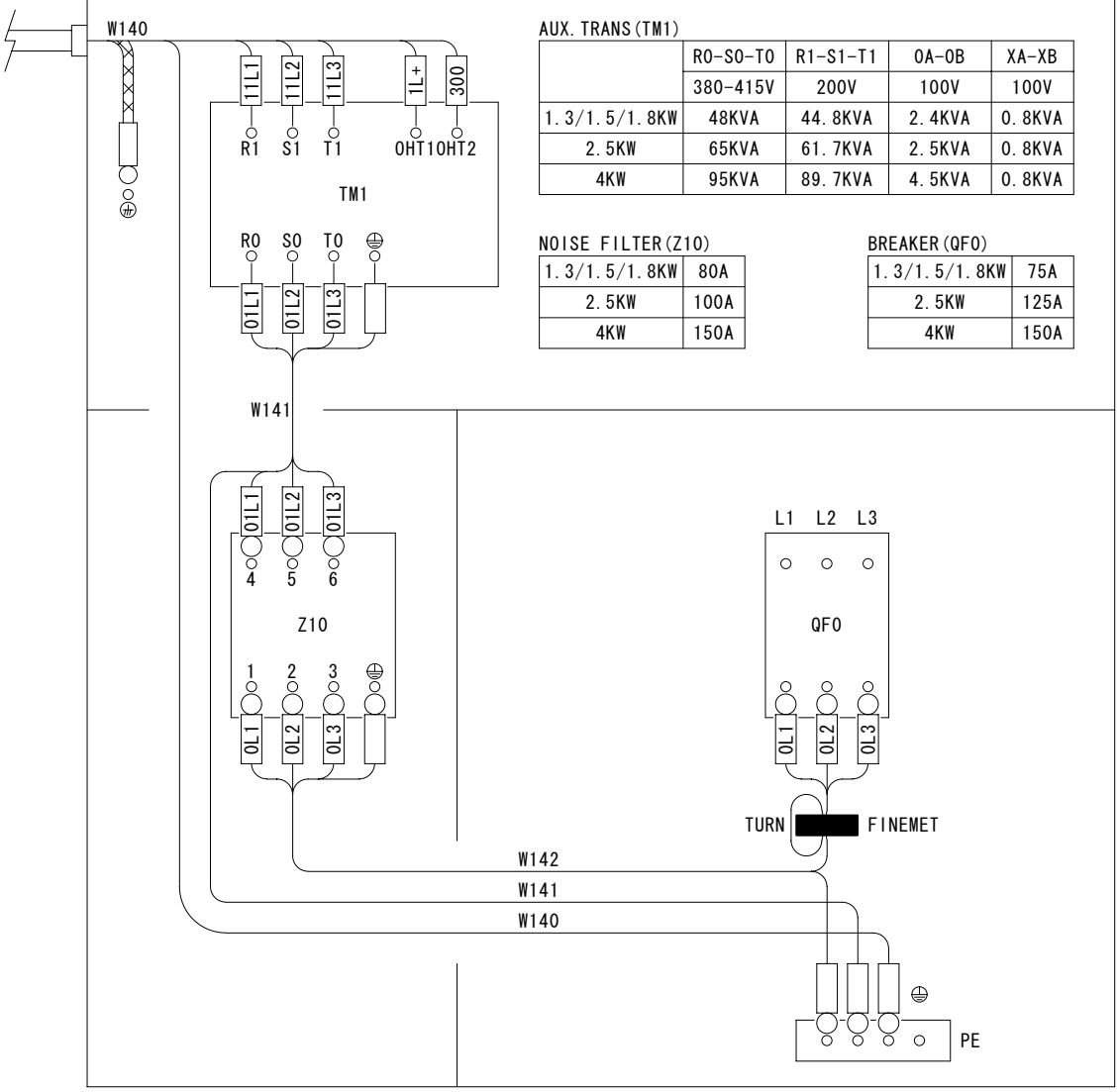
A B C D E F G H I J K L M N O P

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

△1

AUX. TRANS BOX



AUX. TRANS(TM1)

	R0-S0-T0	R1-S1-T1	0A-0B	XA-XB
	380-415V	200V	100V	100V
1.3/1.5/1.8KW	48KVA	44.8KVA	2.4KVA	0.8KVA
2.5KW	65KVA	61.7KVA	2.5KVA	0.8KVA
4KW	95KVA	89.7KVA	4.5KVA	0.8KVA

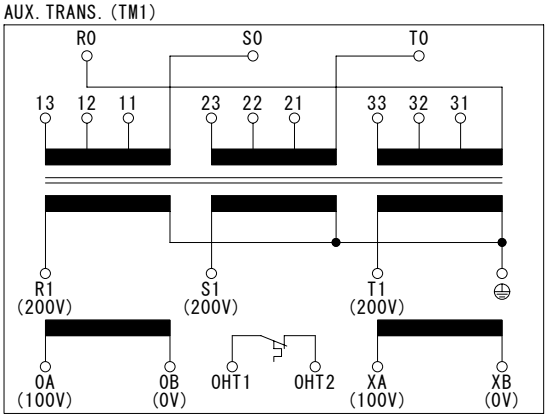
NOISE FILTER(Z10)

1.3/1.5/1.8KW	80A
2.5KW	100A
4KW	150A

BREAKER(QF0)

1.3/1.5/1.8KW	75A
2.5KW	125A
4KW	150A

AUX. TRANS. (TM1)



L1-L2-L3	JUMPER
380V	R0-11, S0-21, T0-31
400V	R0-12, S0-22, T0-32
415V	R0-13, S0-23, T0-33

~~STD~~	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5
△4
△3
△2
△1 Edition Jan.14.'09 M.Okajima

Mazak
YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE: AUX. TRANS BOX (FOR CE)

DRWN NO. 676 007 30171.0

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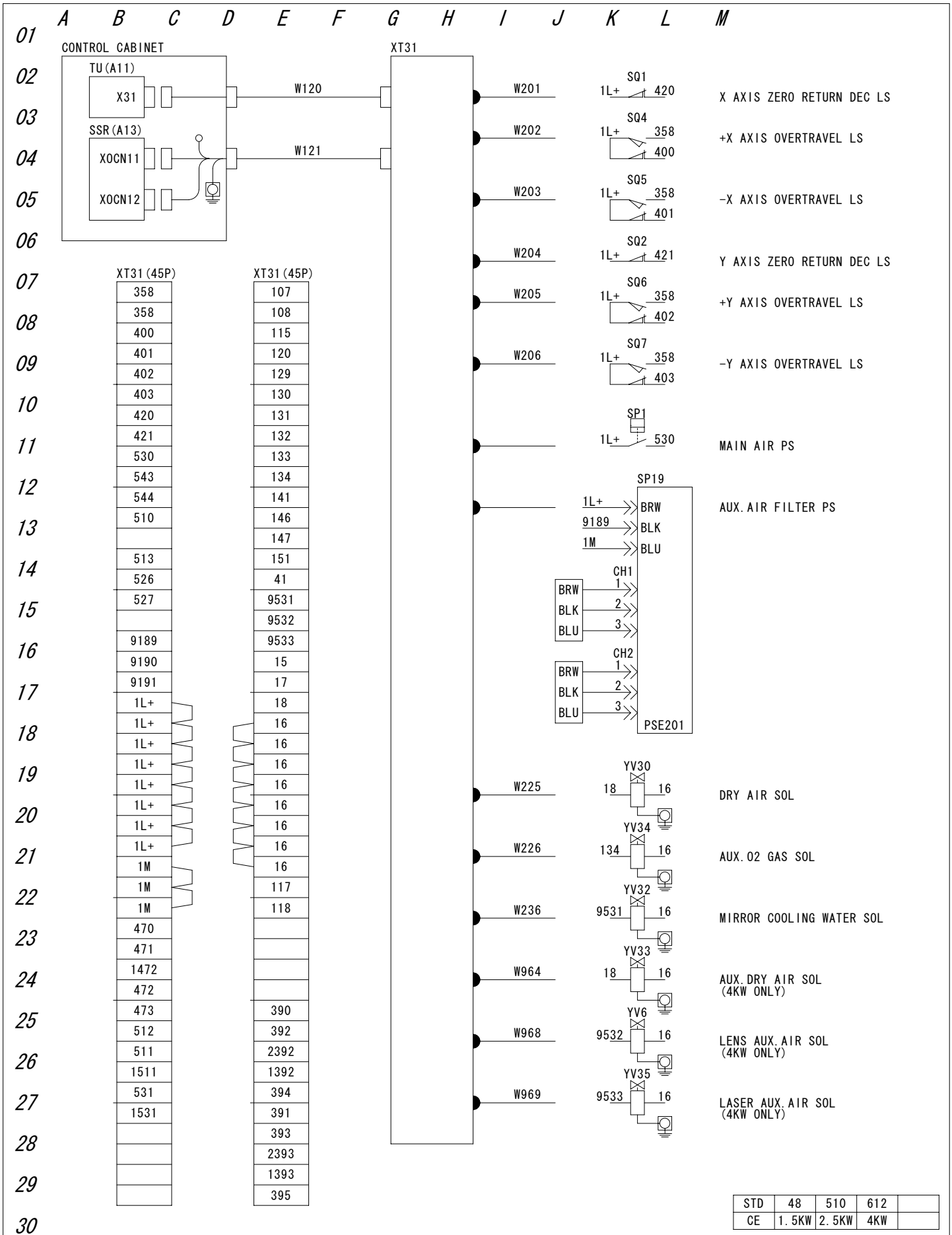

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤				
④				
③				
②	08/03/14	08/03/14	08/03/14	XT31 (1)
①	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30310.0

YAMAZAKI MAZAK CORPORATION

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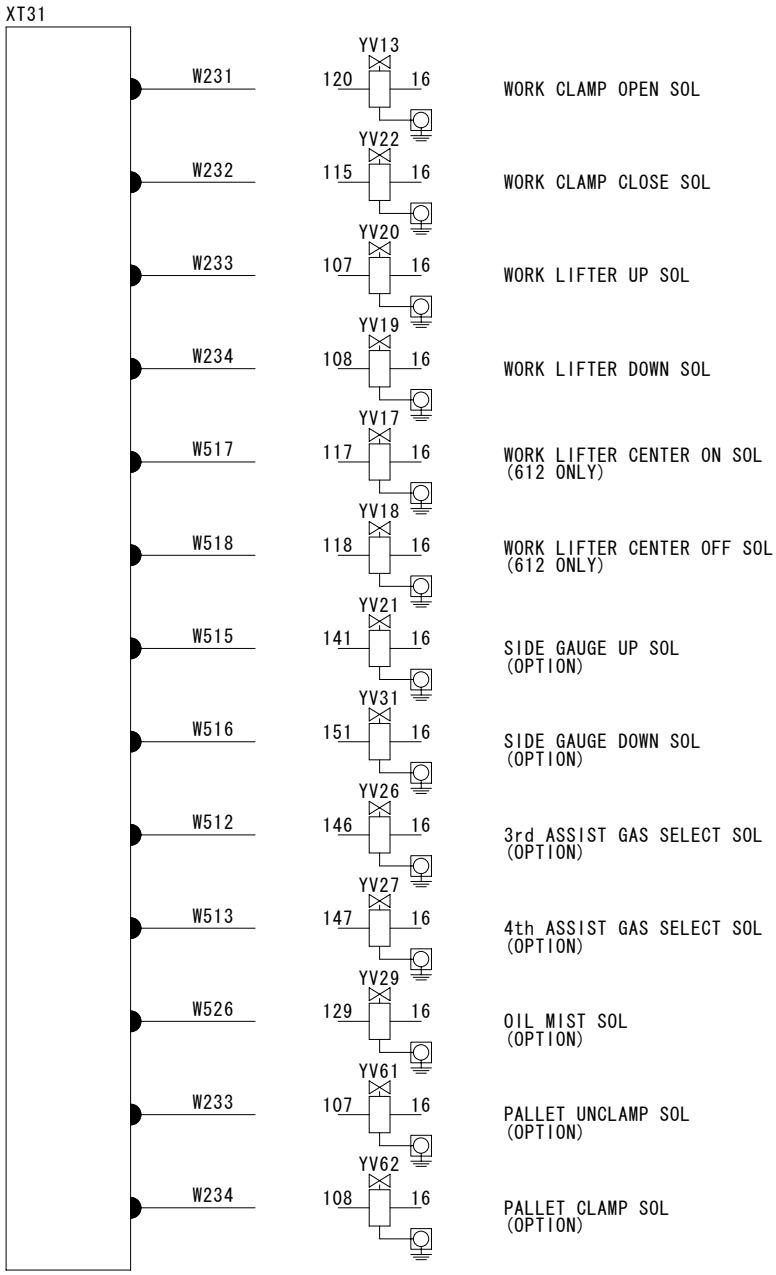

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	XT31 (2)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30320.0

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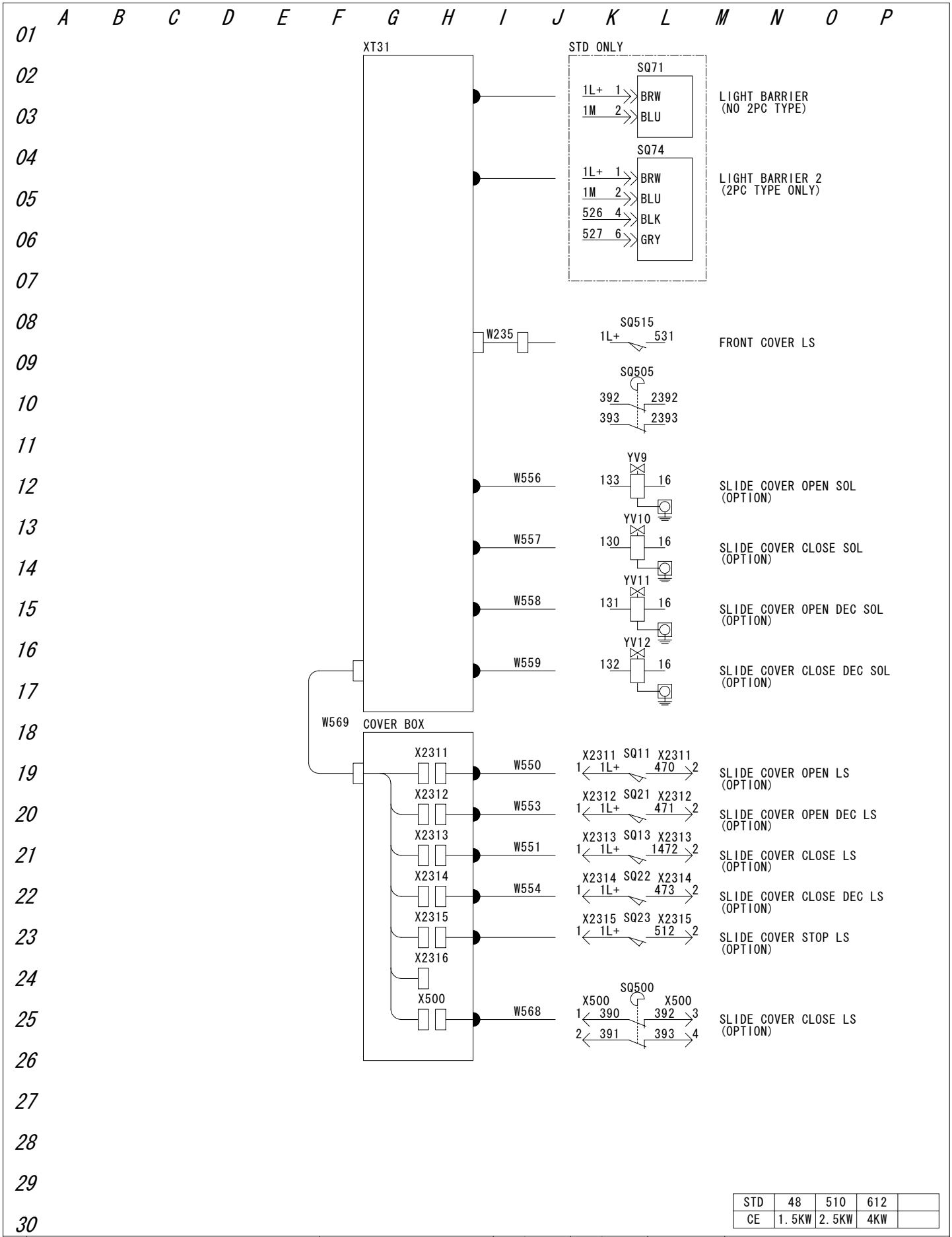

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	XT31 (3)
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30330.0

YAMAZAKI MAZAK CORPORATION

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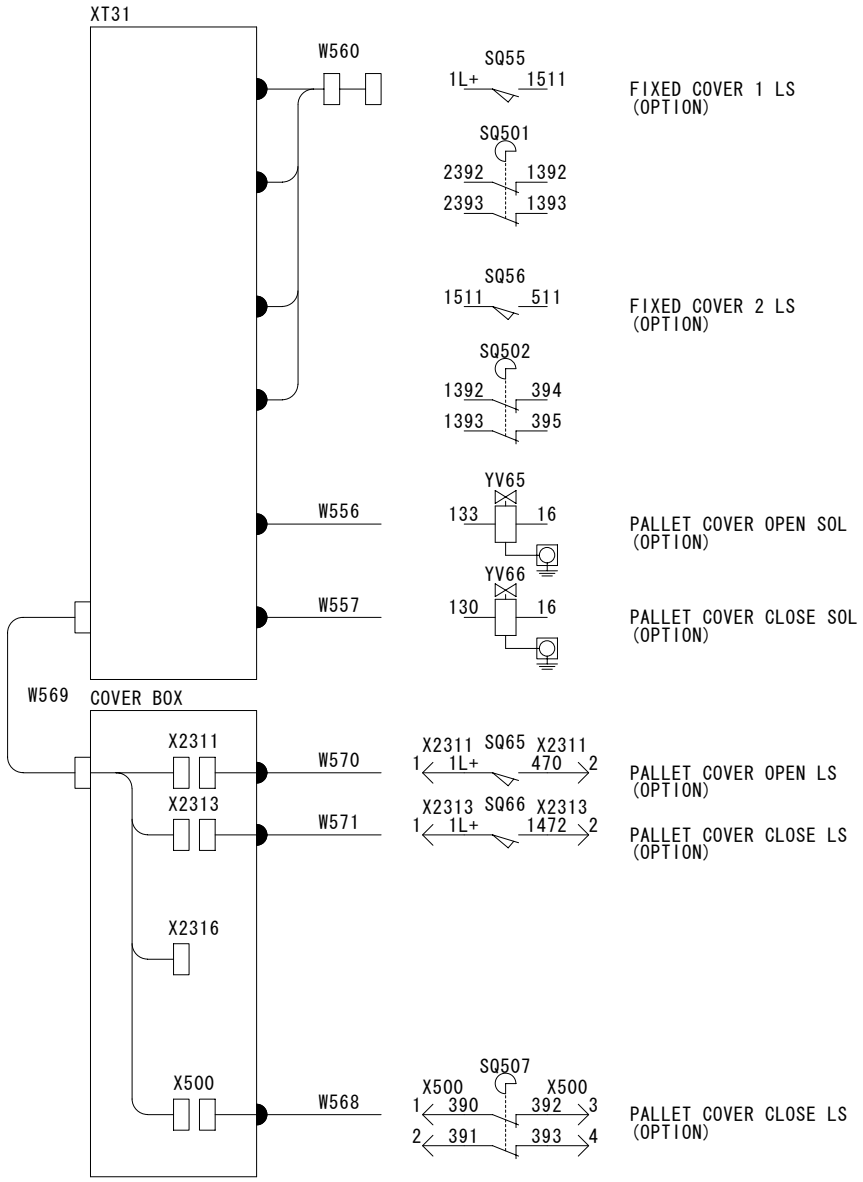
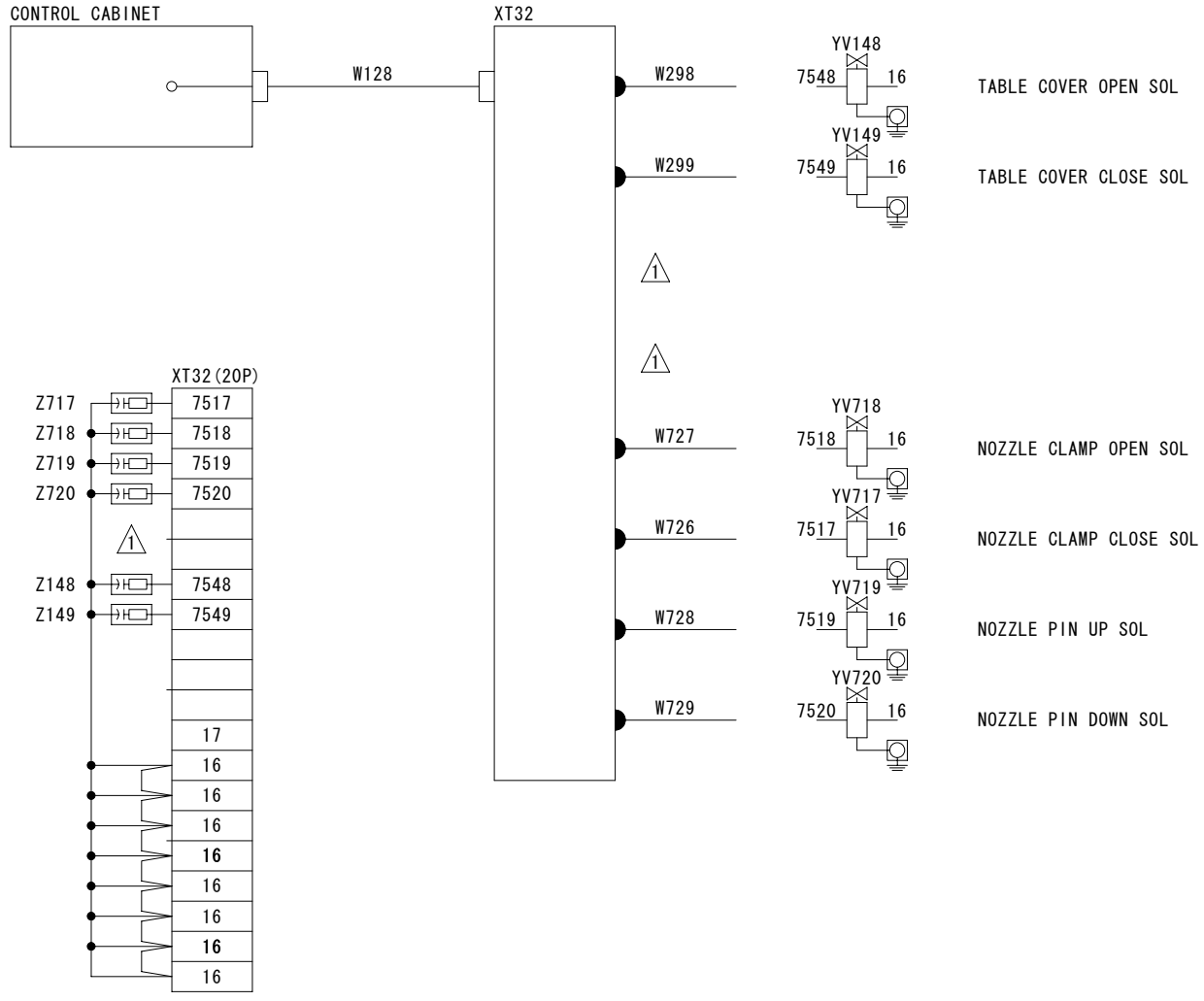


STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	XT31 (4)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30340.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

⑤			
④			
③			
②			
① Edition Aug.24.'09 S.Yamasaki			

YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
09/06/23	09/06/23	09/06/23
H Iryoda	M.Okajima	M.Okajima

TITLE: XT32

DRWN NO. 676 007 30371.0

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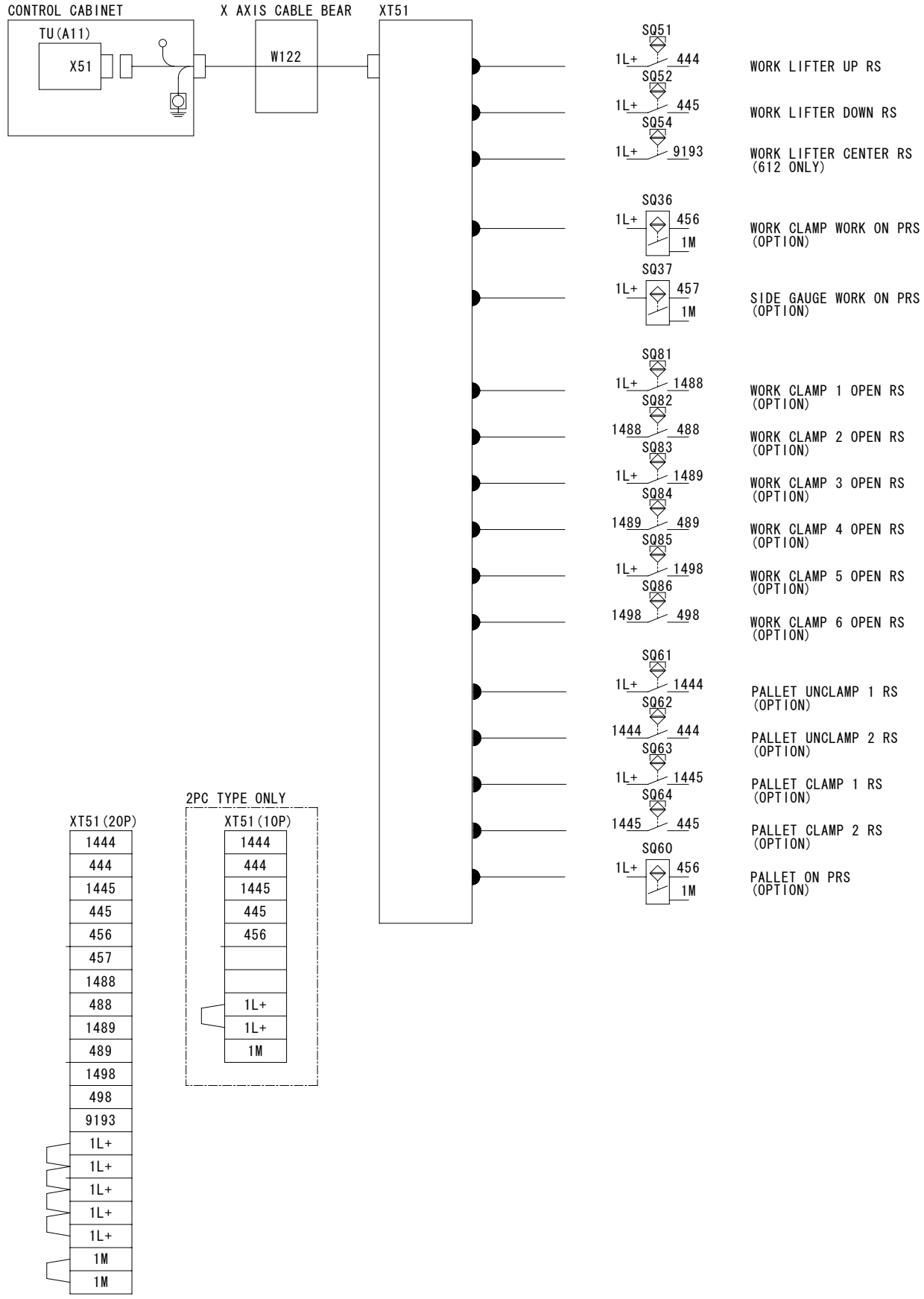

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	XT51
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30510.0

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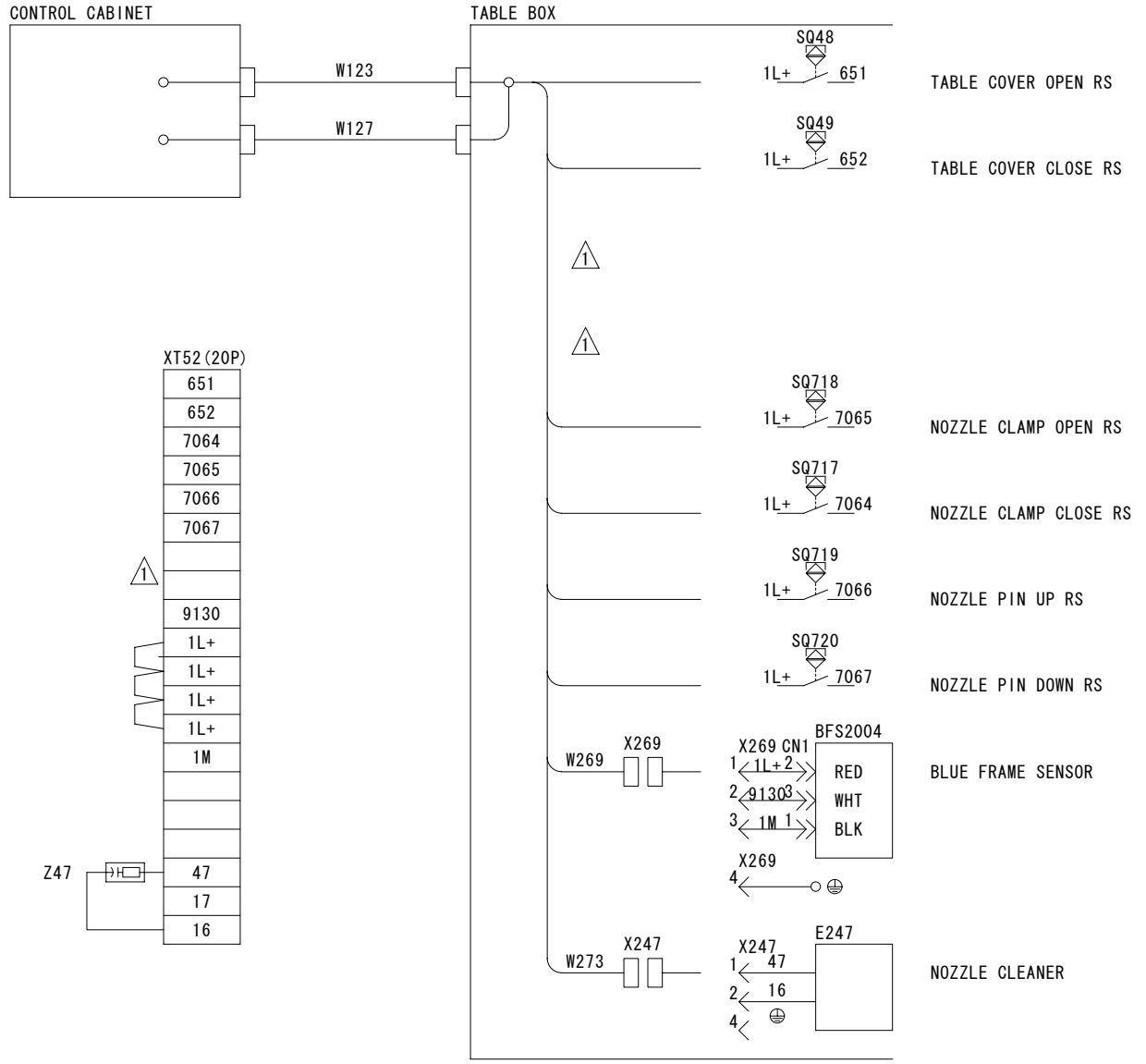

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⚠5	09/06/23	09/06/23	09/06/23	TABLE BOX
⚠4				
⚠3				
⚠2				
⚠1 Edition Aug.24.'09 S.Yamasaki	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30551,0

YAMAZAKI MAZAK CORPORATION

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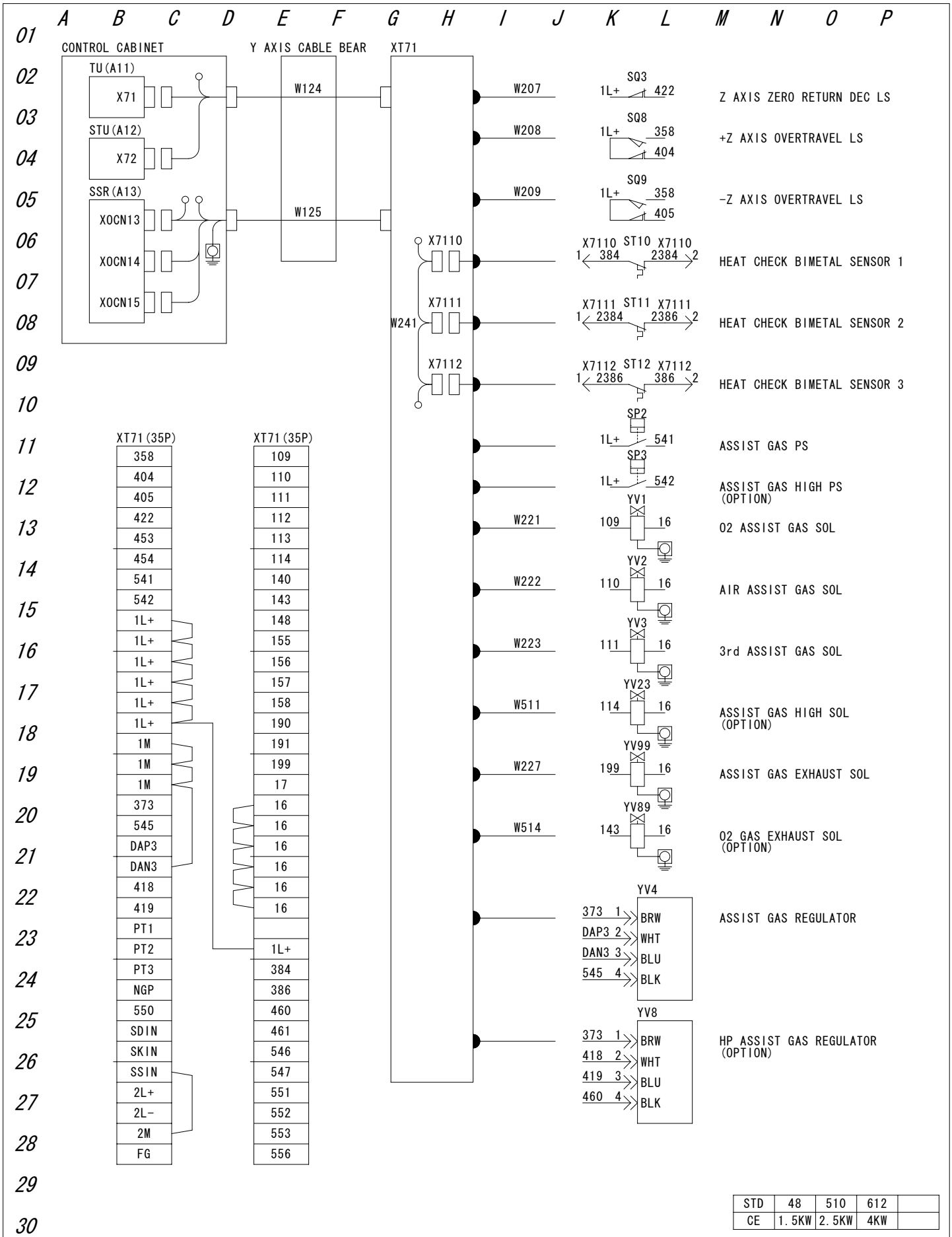

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	XT71 (1)
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30710.0

YAMAZAKI MAZAK CORPORATION

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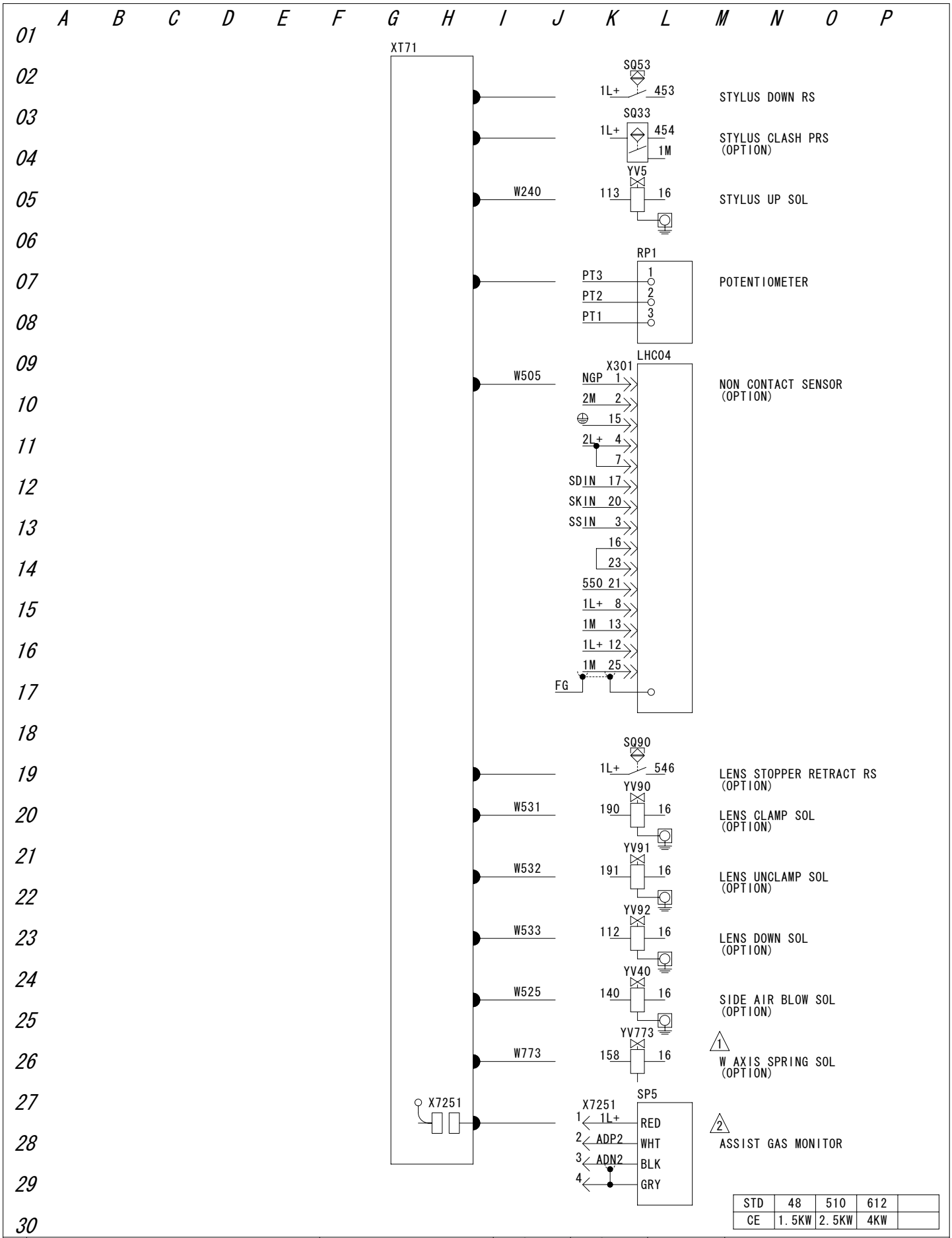

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
5					
4					
3					
2	Edition Apr.01.'09 M.Okajima	08/03/14	08/03/14	08/03/14	XT71 (2)
1	Edition Jan.15.'09 M.Okajima	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 30722.0

YAMAZAKI MAZAK CORPORATION

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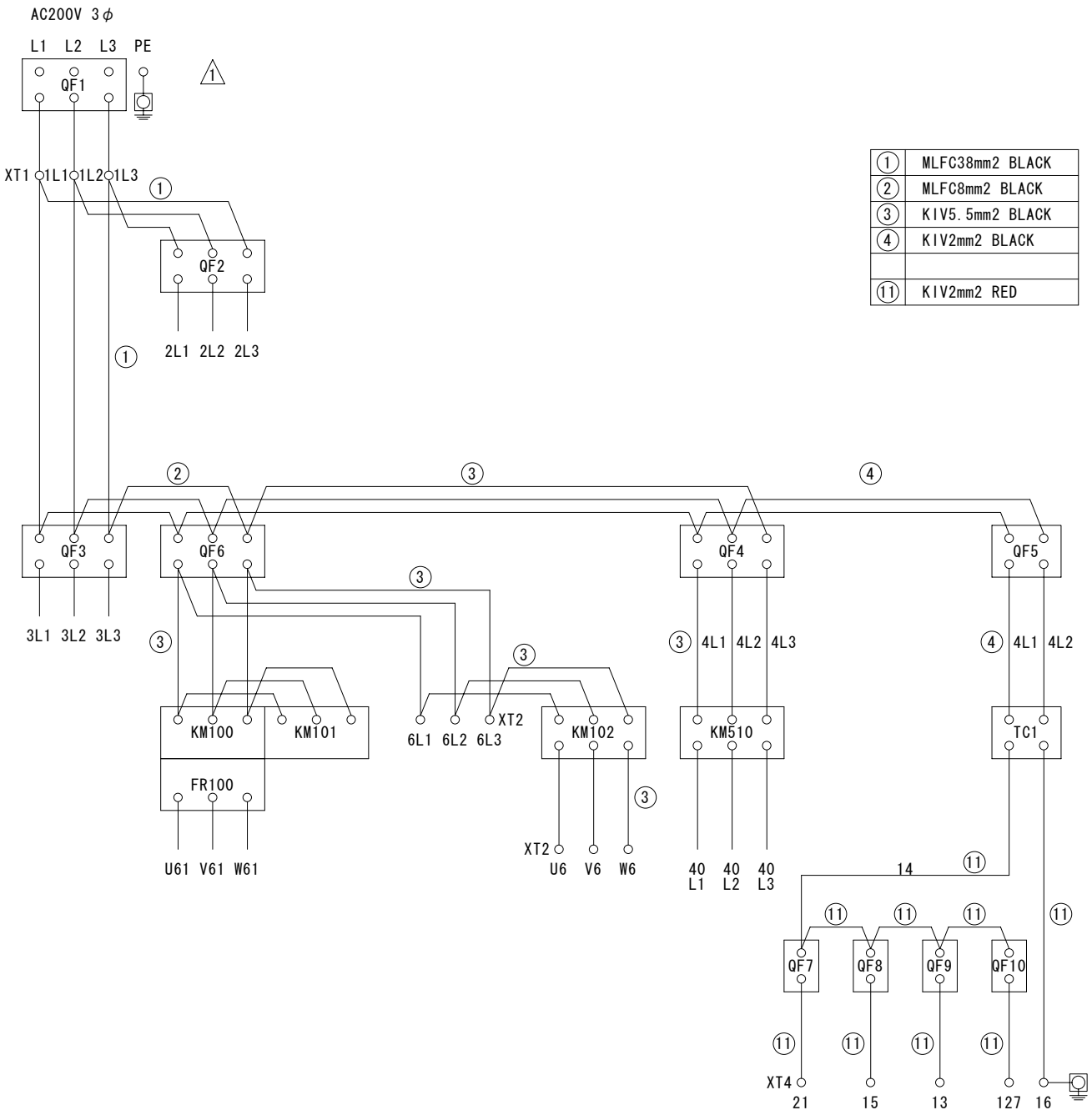

①	MLFC38mm2 BLACK
②	MLFC8mm2 BLACK
③	KIV5.5mm2 BLACK
④	KIV2mm2 BLACK
⑪	KIV2mm2 RED

	QF1		QF2	QF3	QF4	QF5	QF6	QF7	QF8	QF9	QF10
	STD	CE									
1.3/1.5/1.8KW	125A	75A	75A	60A	30A	10A	40A	5A	10A	10A	1A
2.5KW	200A	125A	125A	100A							
4KW	250A	150A	175A	125A							

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

⑤			
④			
③			
②			
① Edition Jan.15.'09 M.Okajima			

Mazak
YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
POWER CIRCUIT CONNECTION

DRWN NO. 676 007 51011.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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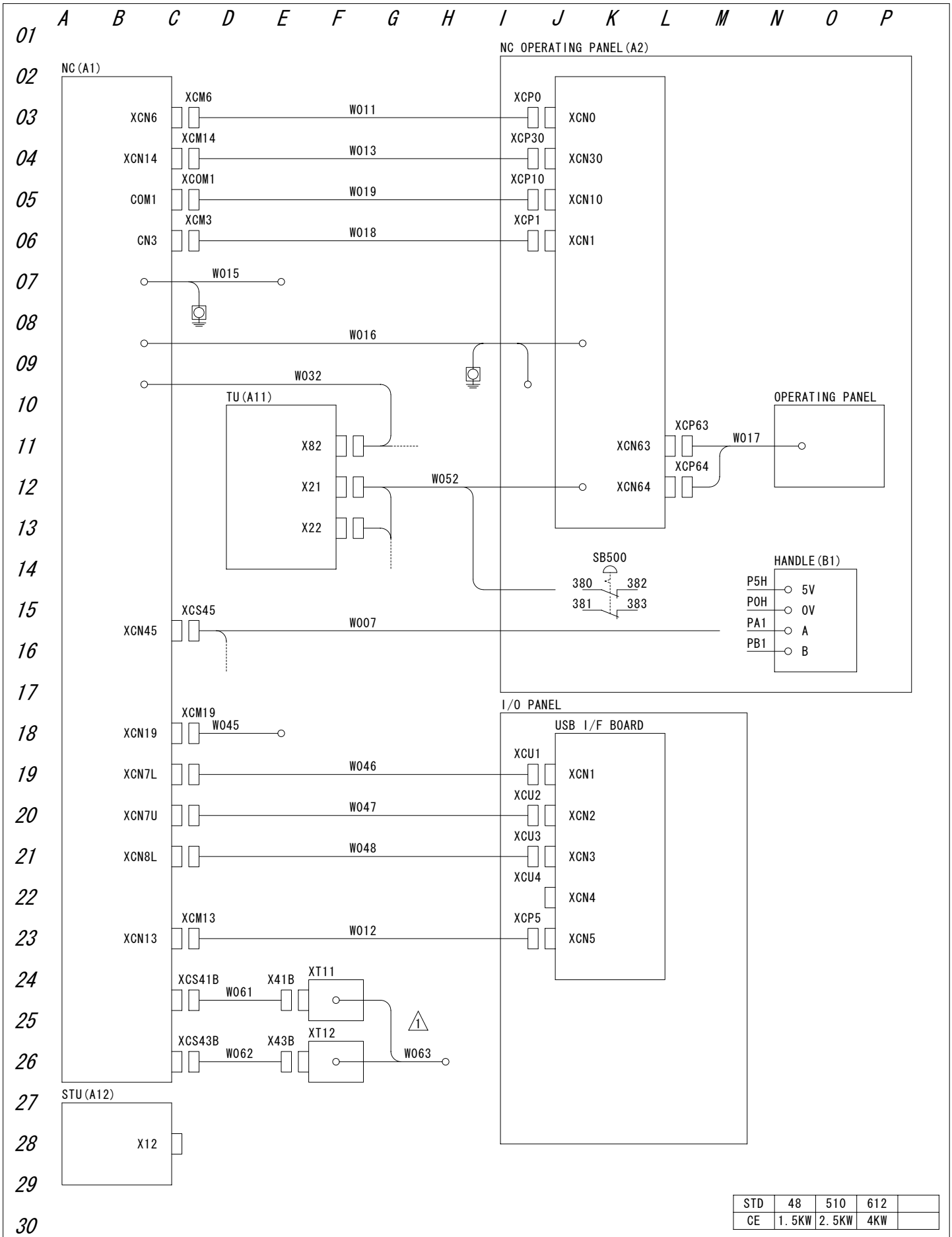

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤	08/03/14	08/03/14	08/03/14	CABINET CABLE CONNECTION(1)
④				
③				
②				
① Edition Jul.06.'09 S.Yamasaki	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 51101.0

YAMAZAKI MAZAK CORPORATION

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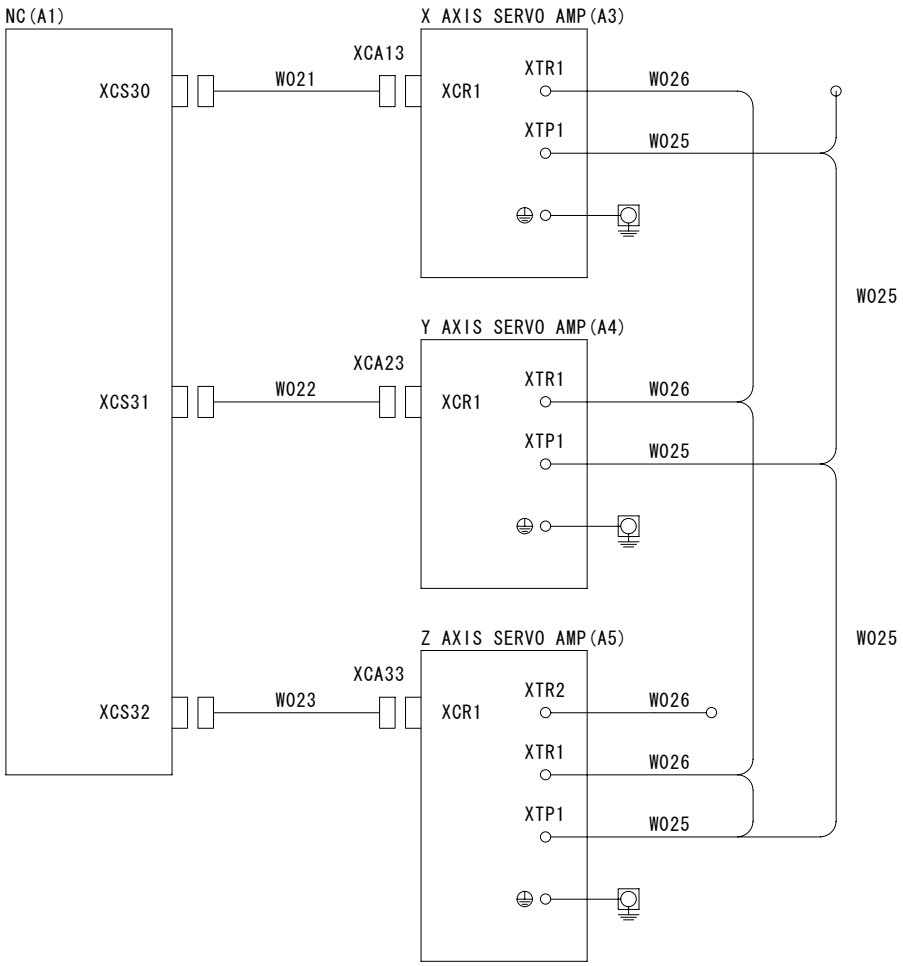

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	CABINET CABLE CONNECTION(2)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 51110.0

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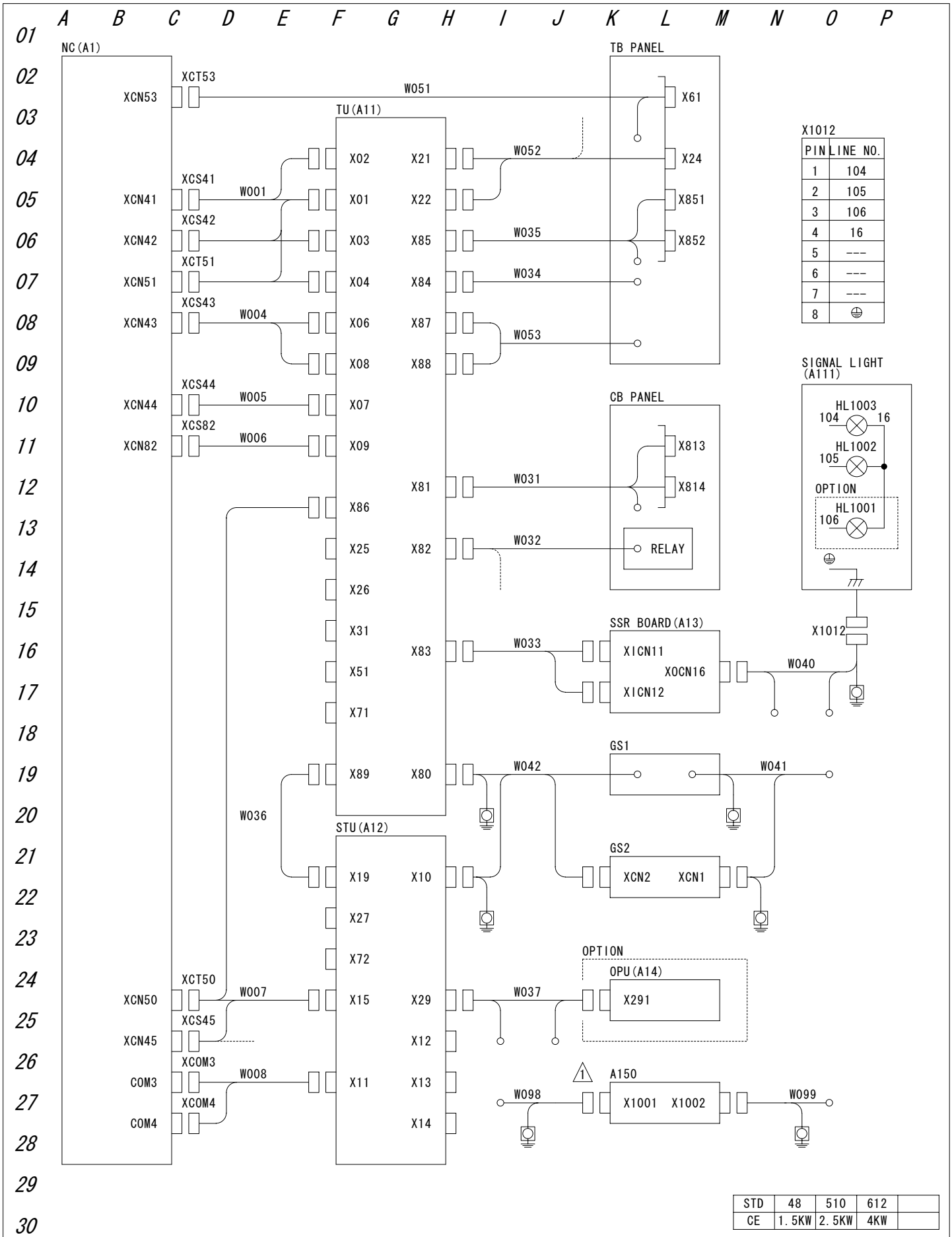

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	CABINET CABLE CONNECTION(3)
	H Iryoda	M.Okajima	M.Okajima	
1 Edition May.28.'08 K.Fukushige				DRWN NO. 676 007 51121.0

Mazak YAMAZAKI MAZAK CORPORATION

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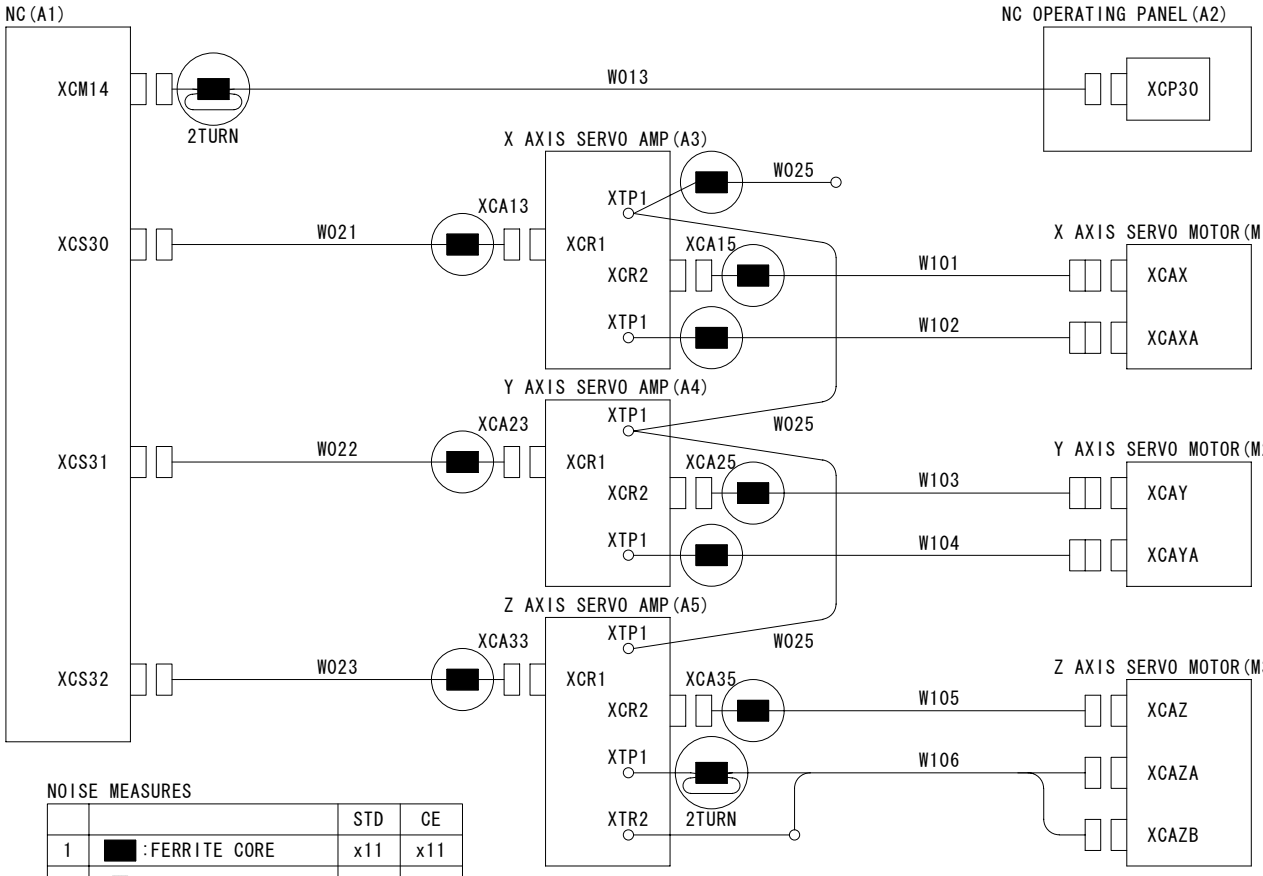
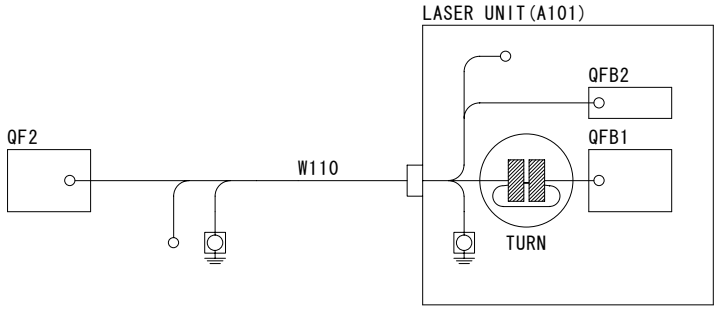
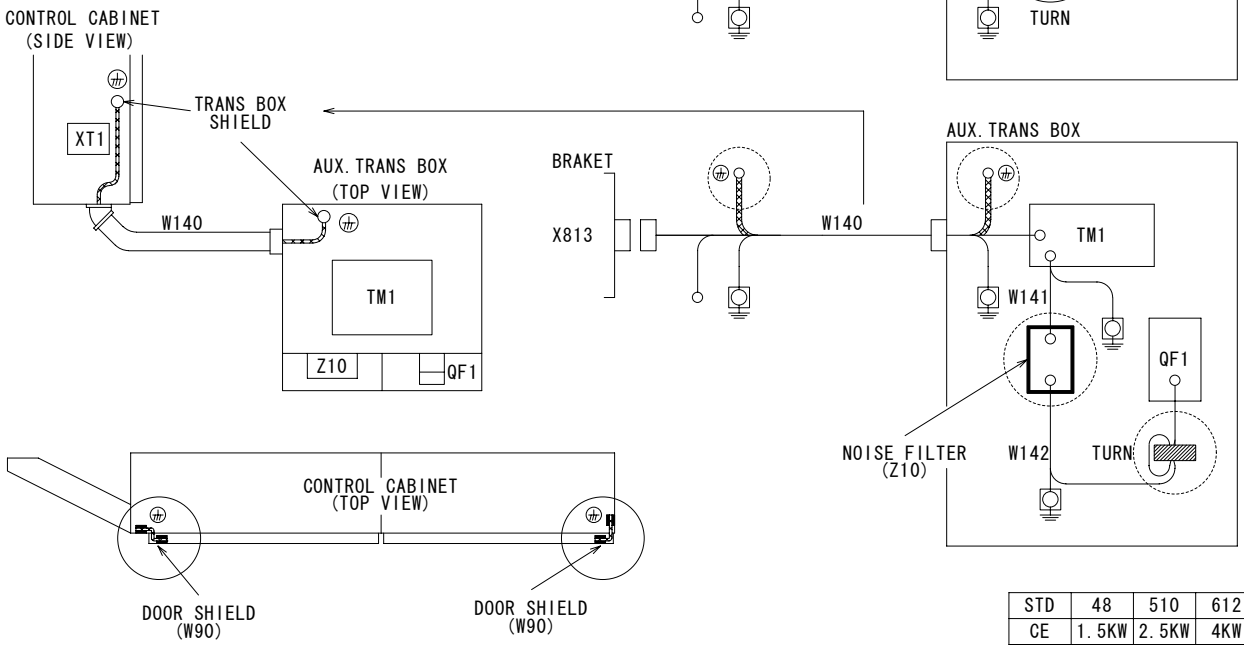


NOISE MEASURES

		STD	CE
1	■ :FERRITE CORE	x11	x11
2	▨ :FINEMET	x2	x3
3	DOOR SHIELD(W90)	x2	x2
4	NOISE FILTER(Z10)		x1
5	TRANS BOX SHIELD(W140)		x1

○ STD/CE ◌ CE ONLY





STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: NOISE MEASURES

DRWN NO. 676 007 51150.0

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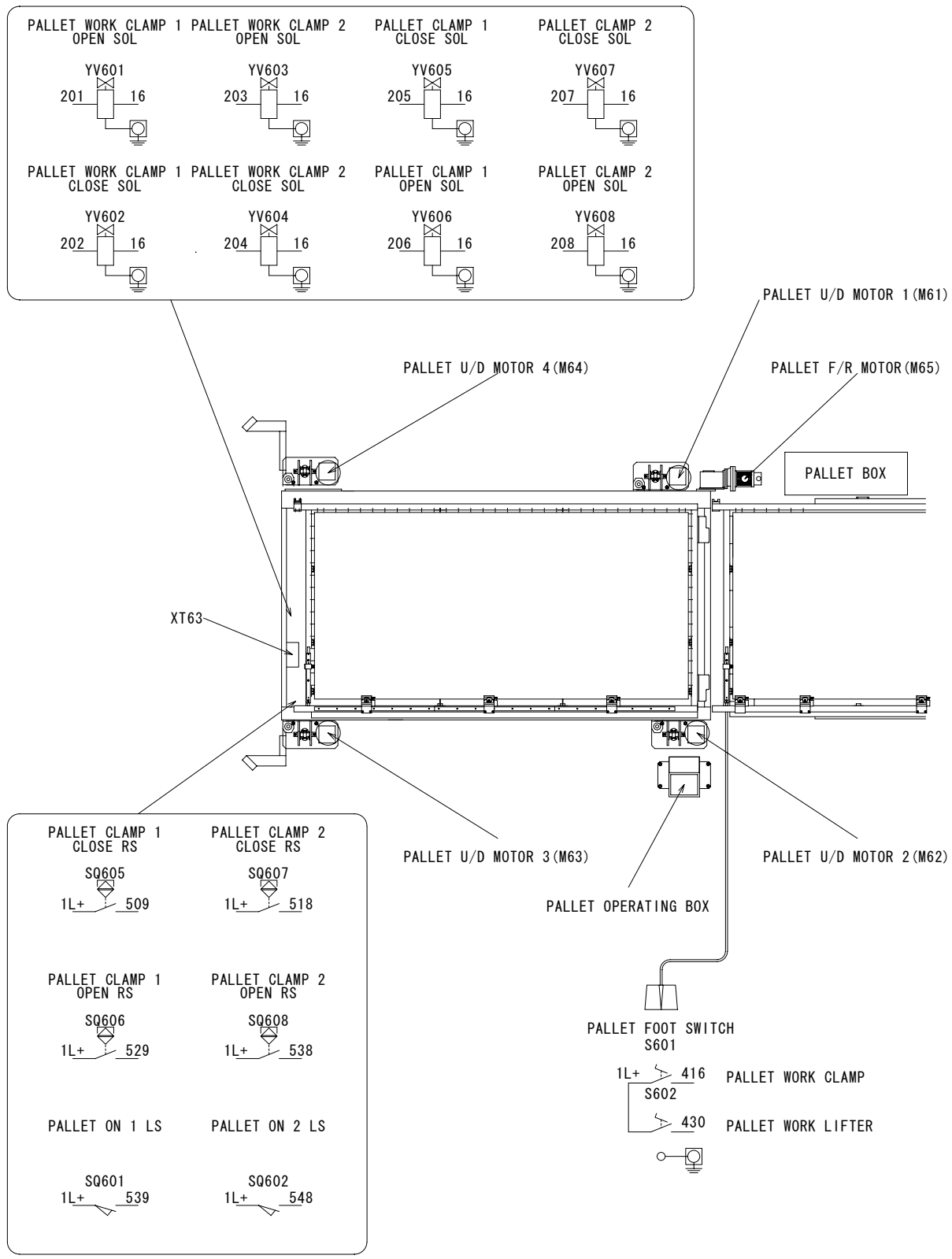

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER(OPTION) COMPORNENTS LAYOUT(1)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 36010.0

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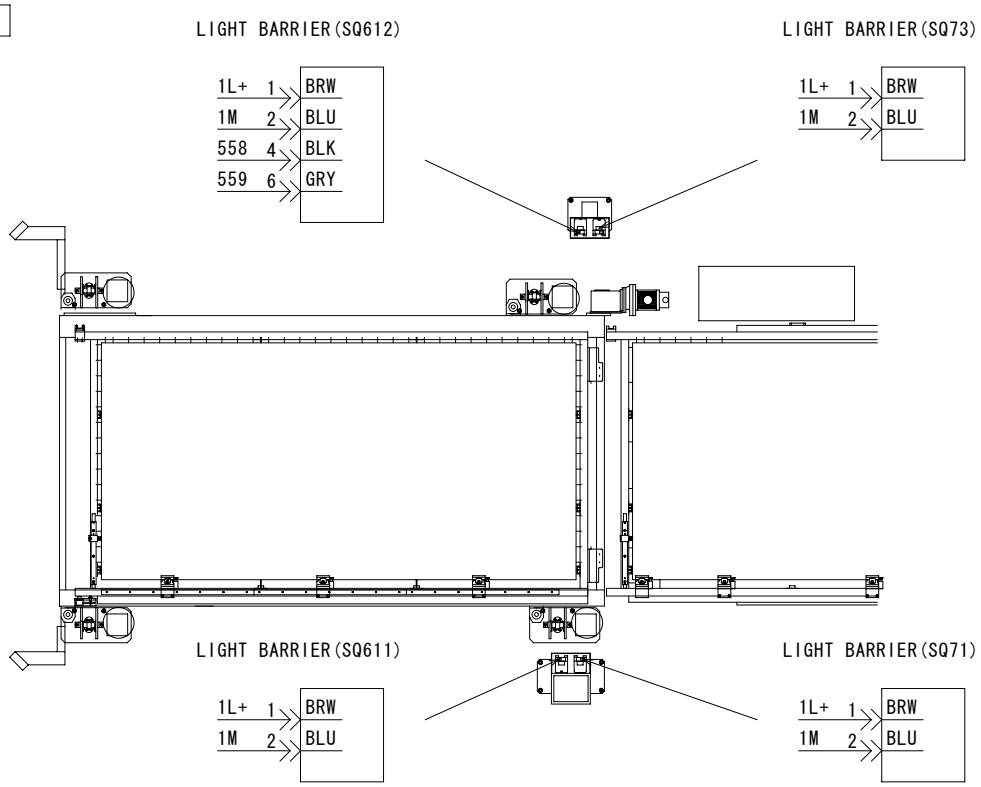
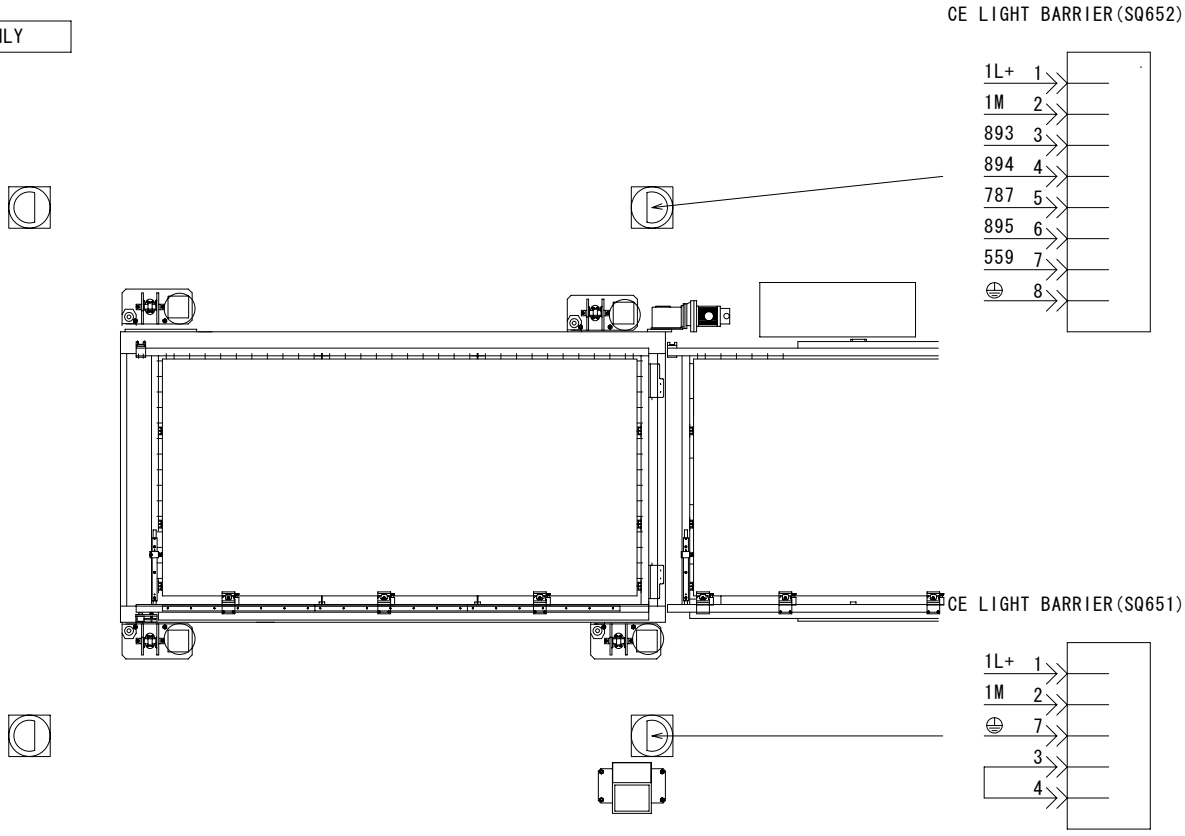
STD ONLY



CE ONLY



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER(OPTION) COMPORNENTS LAYOUT(2)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 36020.0

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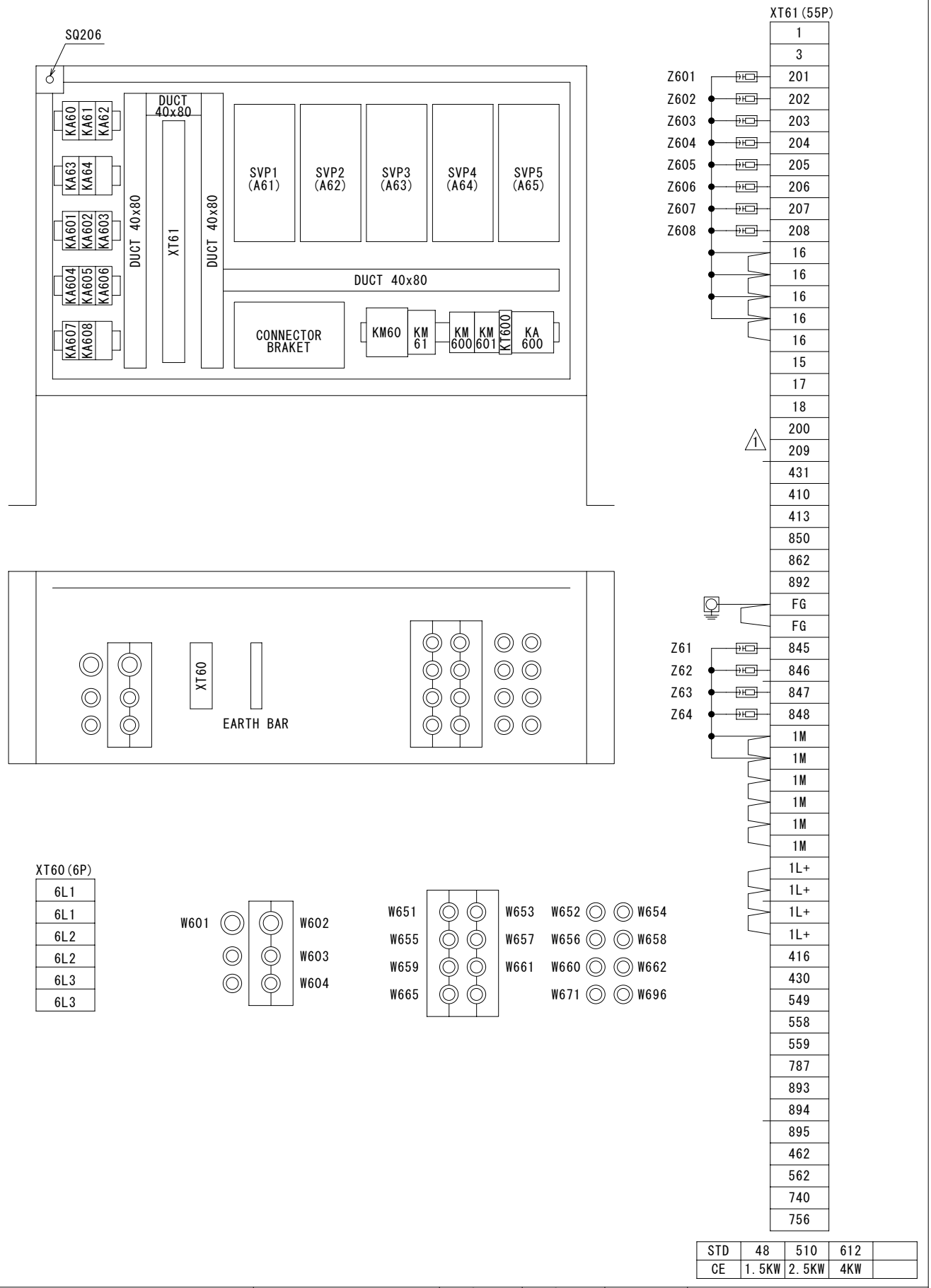

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
⚠5		08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) BOX LAYOUT
⚠4					
⚠3					
⚠2		H Iryoda	M.Okajima	M.Okajima	
⚠1	Edition Jan.15.'09 M.Okajima				DRWN NO. 676 007 56011.0

Mazak YAMAZAKI MAZAK CORPORATION

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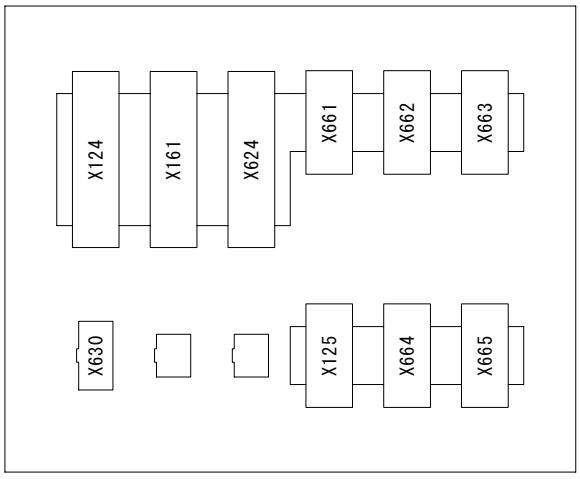
CONNECTOR BRAKET



X125

PIN	LINE NO.
1	1L+
2	382
3	383
4	384
5	385
6	517
7	1L+
8	515
9	516
10	440
11	532
12	533
13	519
14	1M
15	528
16	747
17	780
18	776
19	777
20	1M

X124

PIN	LINE NO.
1	1L+
2	---
3	467
4	---
5	---
6	426
7	427
8	436
9	437
10	435
11	424
12	415
13	425
14	---
15	---
16	462
17	---
18	1L+
19	433
20	434
21	432
22	---
23	509
24	518
25	529
26	538
27	539
28	548
29	549
30	558
31	559
32	562
33	1M
34	---
35	740
36	756
37	416
38	430
39	410
40	411
41	412
42	413
43	431
44	9179
45	787
46	9181
47	9185
48	9186
49	---
50	1M

X161

PIN	LINE NO.
1	1L+
2	1L+
3	850
4	851
5	852
6	853
7	854
8	855
9	856
10	857
11	858
12	859
13	860
14	861
15	862
16	863
17	1L+
18	1L+
19	864
20	865
21	866
22	867
23	868
24	869
25	870
26	871
27	872
28	873
29	874
30	875
31	876
32	877
33	1M
34	1M
35	878
36	879
37	880
38	881
39	882
40	883
41	884
42	885
43	886
44	887
45	888
46	889
47	890
48	891
49	1M
50	1M

X624

PIN	LINE NO.
1	1L+
2	382
3	383
4	384
5	385
6	517
7	---
8	515
9	516
10	440
11	532
12	533
13	519
14	---
15	528
16	747
17	780
18	776
19	777
20	---
21	---
22	---
23	---
24	---
25	---
26	---
27	---
28	---
29	---
30	---
31	---
32	---
33	---
34	---
35	467
36	435
37	436
38	437
39	---
40	883
41	884
42	885
43	886
44	887
45	888
46	889
47	890
48	891
49	---
50	1M

X630

PIN	LINE NO.
1	1L+
2	509
3	518
4	529
5	538
6	539
7	548
8	1M

X661

PIN	LINE NO.
1	1L+
2	426
3	433
4	851
5	852
6	853
7	854
8	855
9	856
10	857
11	858
12	859
13	860
14	861
15	---
16	---
17	---
18	---
19	---
20	1M

X662

PIN	LINE NO.
1	1L+
2	411
3	424
4	851
5	852
6	853
7	854
8	855
9	856
10	857
11	858
12	859
13	860
14	861
15	---
16	---
17	---
18	---
19	---
20	1M

X663

PIN	LINE NO.
1	1L+
2	434
3	415
4	851
5	852
6	853
7	854
8	855
9	856
10	857
11	858
12	859
13	860
14	861
15	---
16	---
17	---
18	---
19	---
20	1M

X664

PIN	LINE NO.
1	1L+
2	412
3	427
4	851
5	852
6	853
7	854
8	855
9	856
10	857
11	858
12	859
13	860
14	861
15	---
16	---
17	---
18	---
19	---
20	1M

X665

PIN	LINE NO.
1	1L+
2	425
3	432
4	863
5	864
6	865
7	866
8	867
9	868
10	869
11	870
12	871
13	872
14	873
15	---
16	---
17	---
18	---
19	---
20	1M

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤		08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) CONNECTOR BRAKET LAYOUT
④					
③		H Iryoda	M.Okajima	M.Okajima	
②					DRWN NO. 676 007 56020.0
①					

Mazak
YAMAZAKI MAZAK CORPORATION

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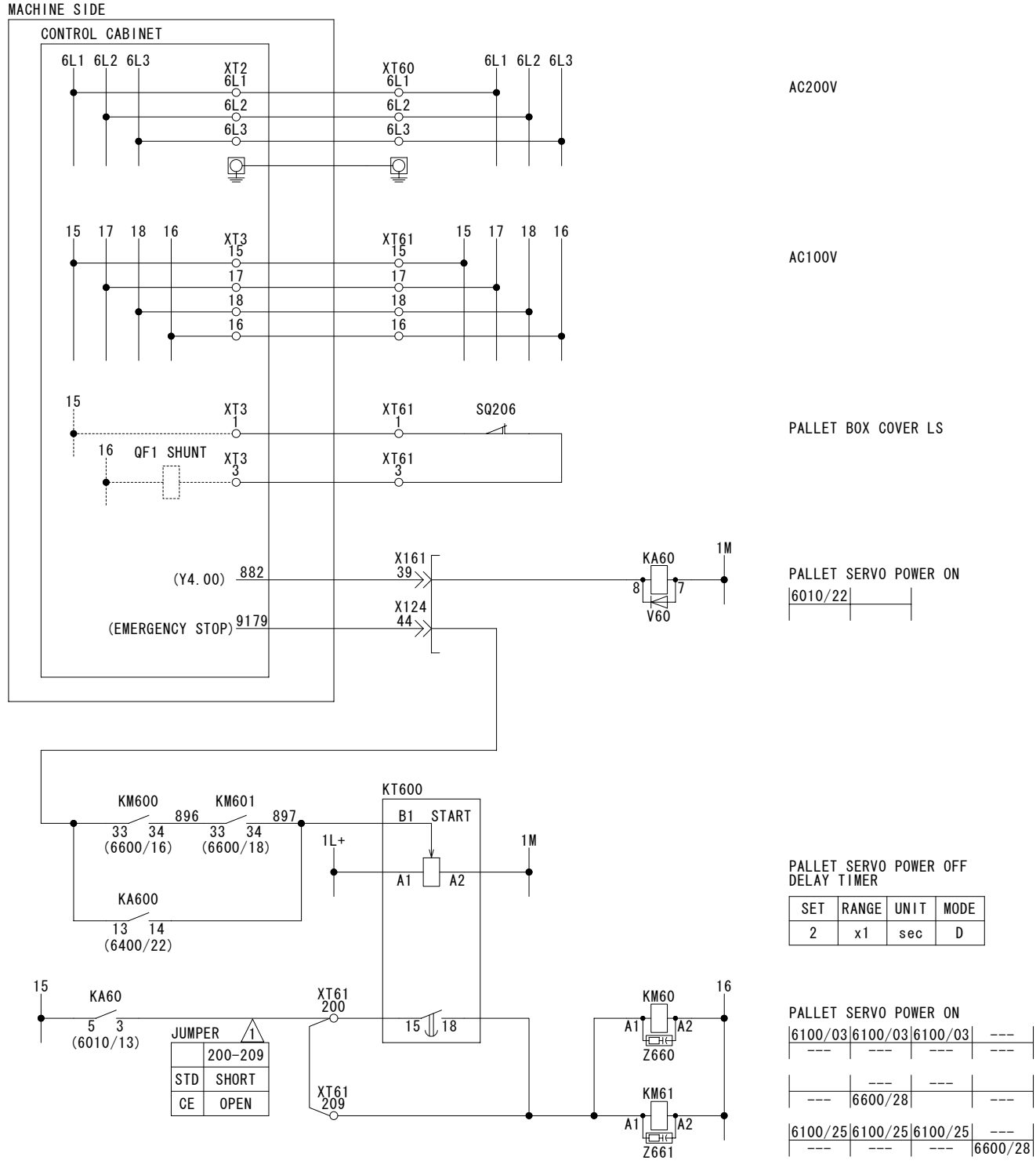

SET	RANGE	UNIT	MODE
2	x1	sec	D

	200-209
STD	SHORT
CE	OPEN

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

⑤			
④			
③			
②			
① Edition Jan.15.'09 M.Okajima			

YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
PALLET CHANGER (OPTION)
POWER CIRCUIT

DRWN NO. 676 007 46011.0

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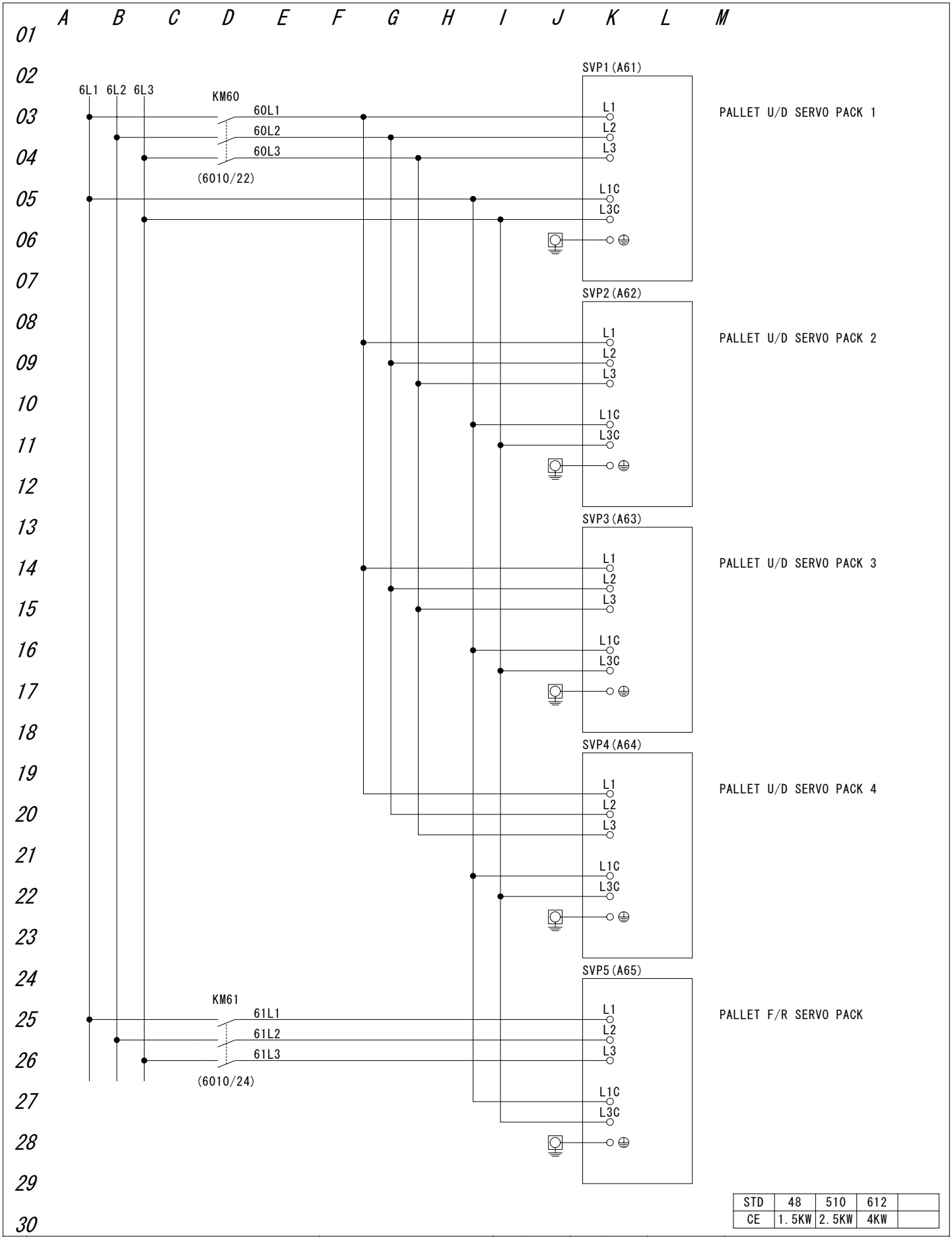

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) SERVO PACK
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46100.0

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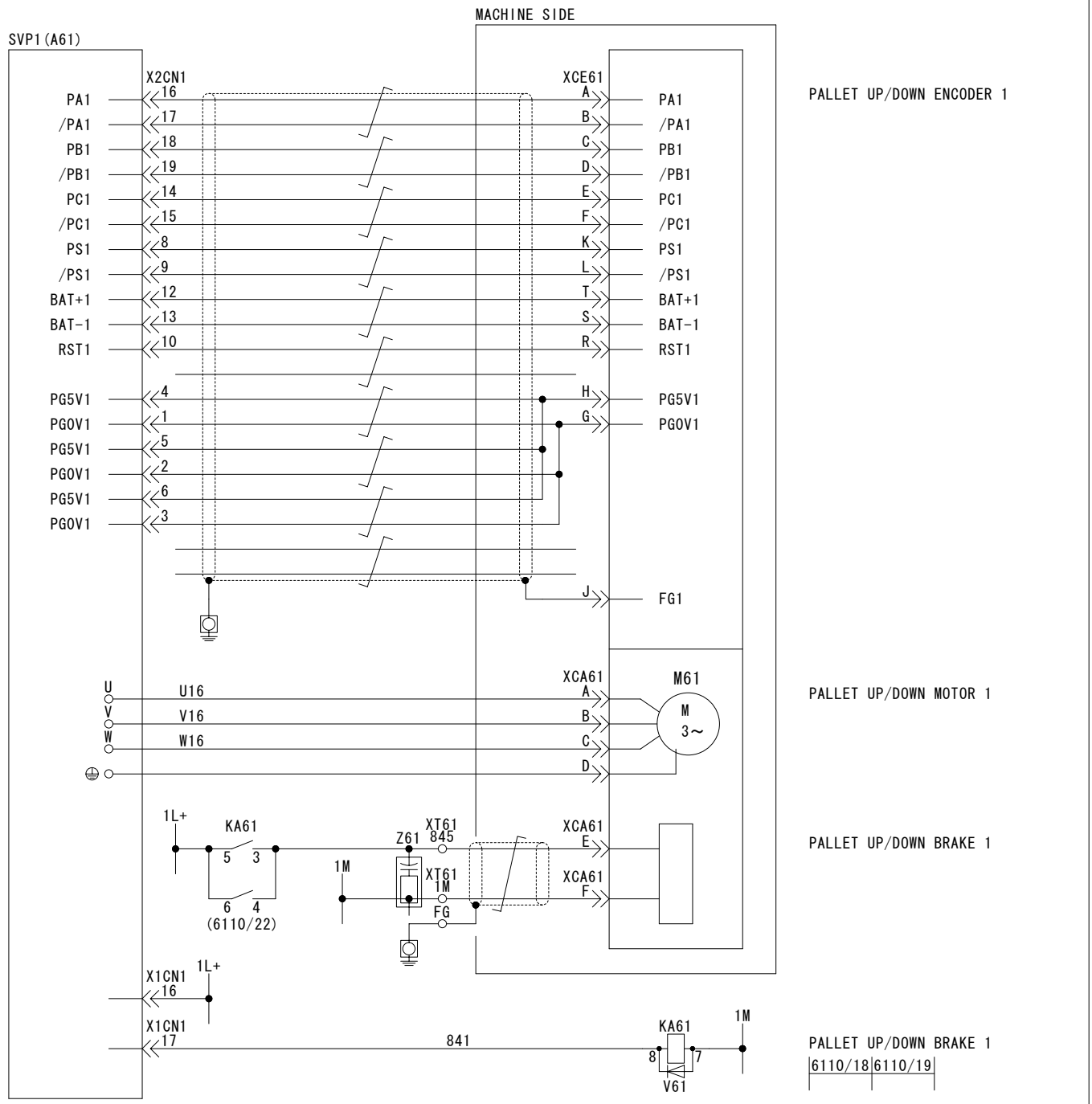

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE
PALLET CHANGER (OPTION)
UP/DOWN MOTOR 1

DRWN NO. 676 007 46110.0

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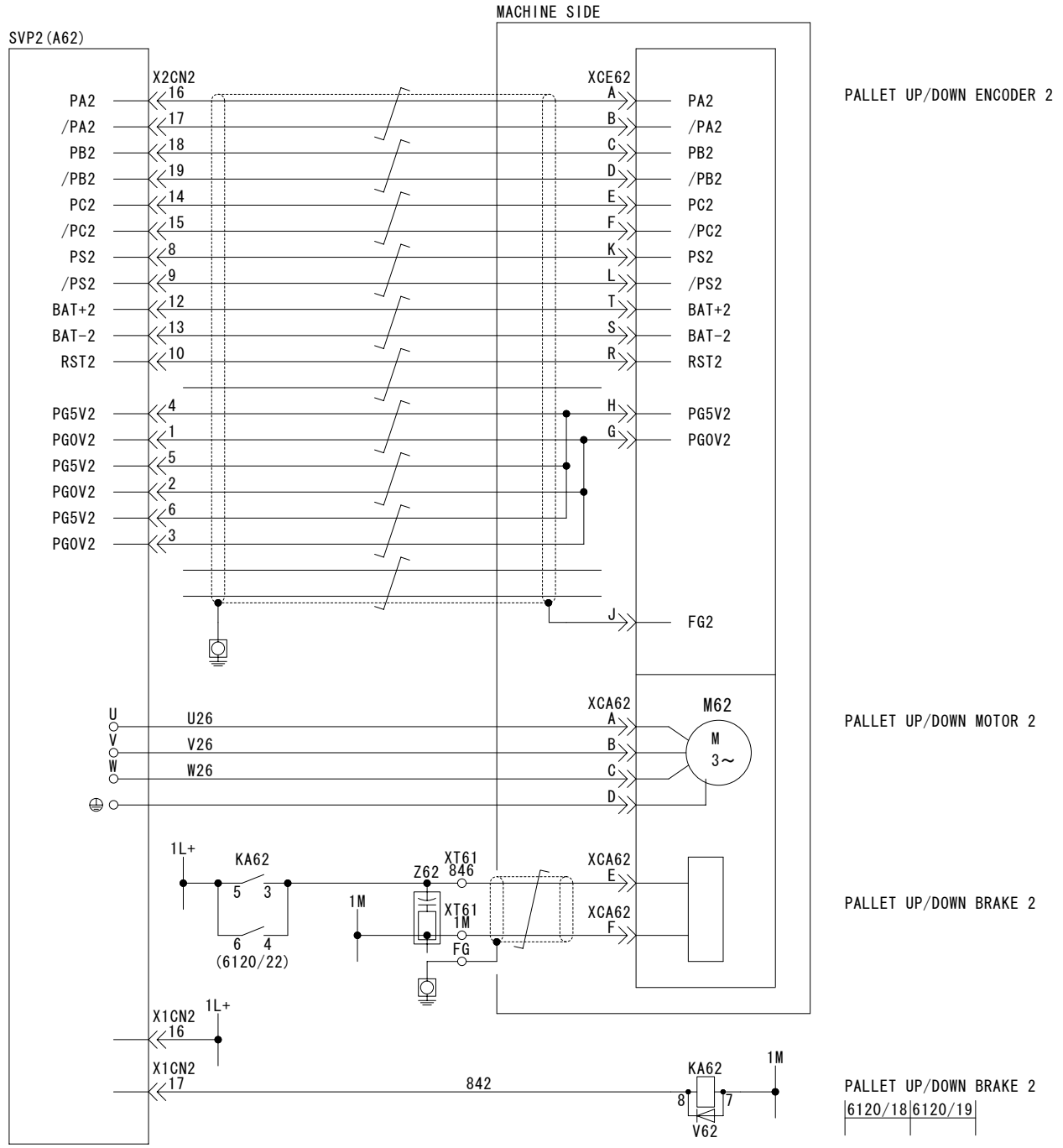

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE
PALLET CHANGER (OPTION)
UP/DOWN MOTOR 2

DRWN NO. 676 007 46120.0

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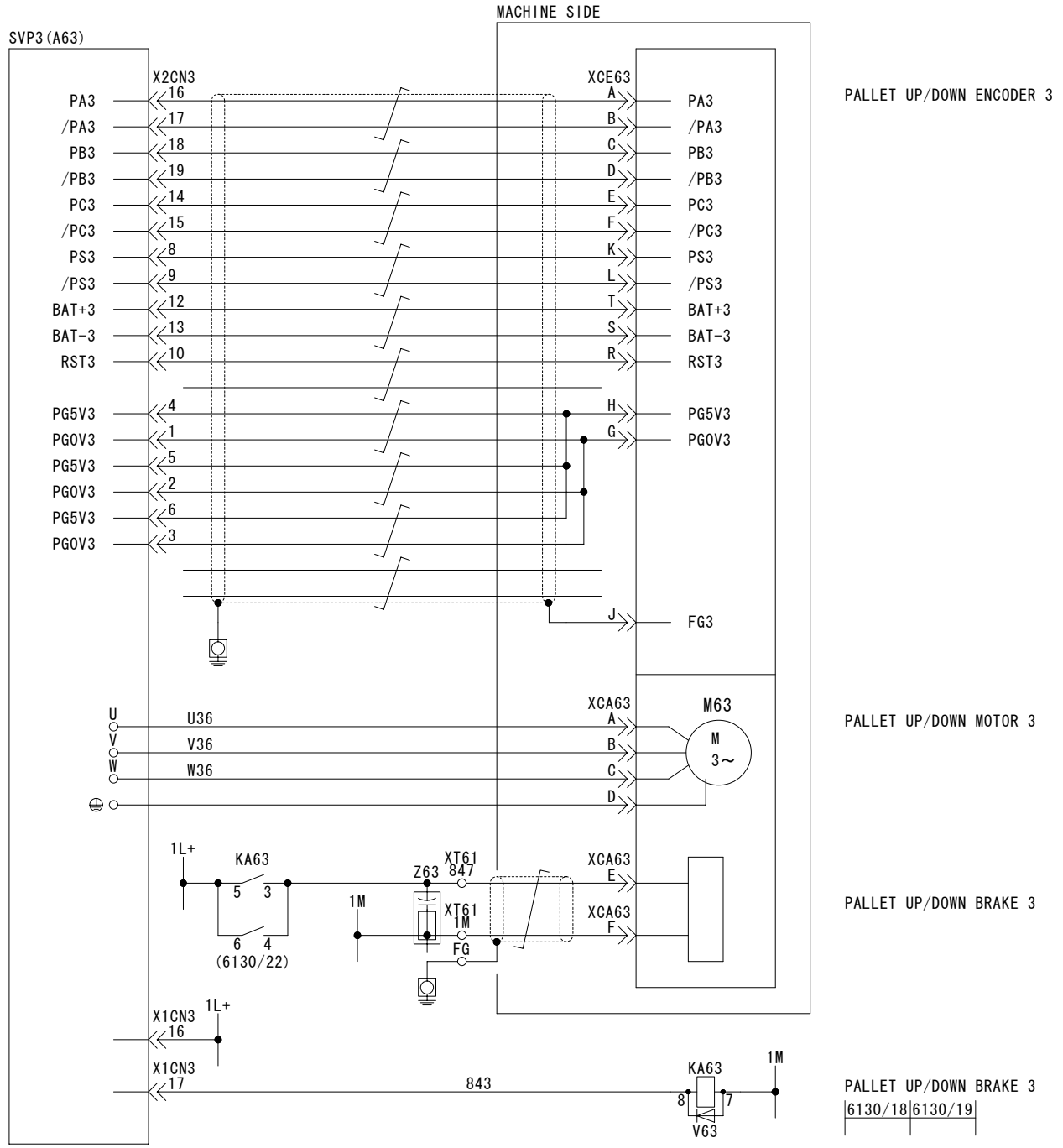

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) UP/DOWN MOTOR 3
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46130.0

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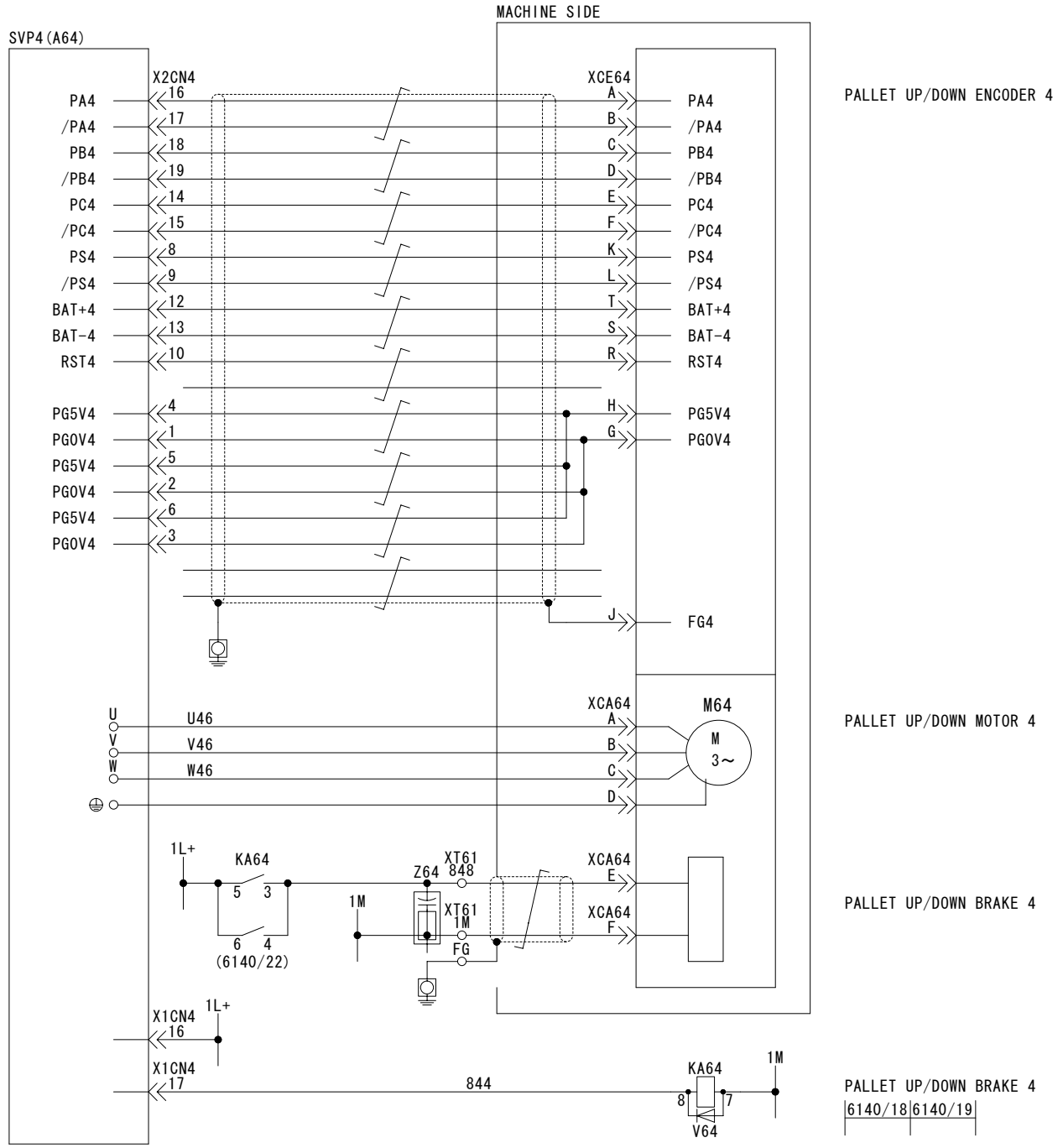

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) UP/DOWN MOTOR 4
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46140.0

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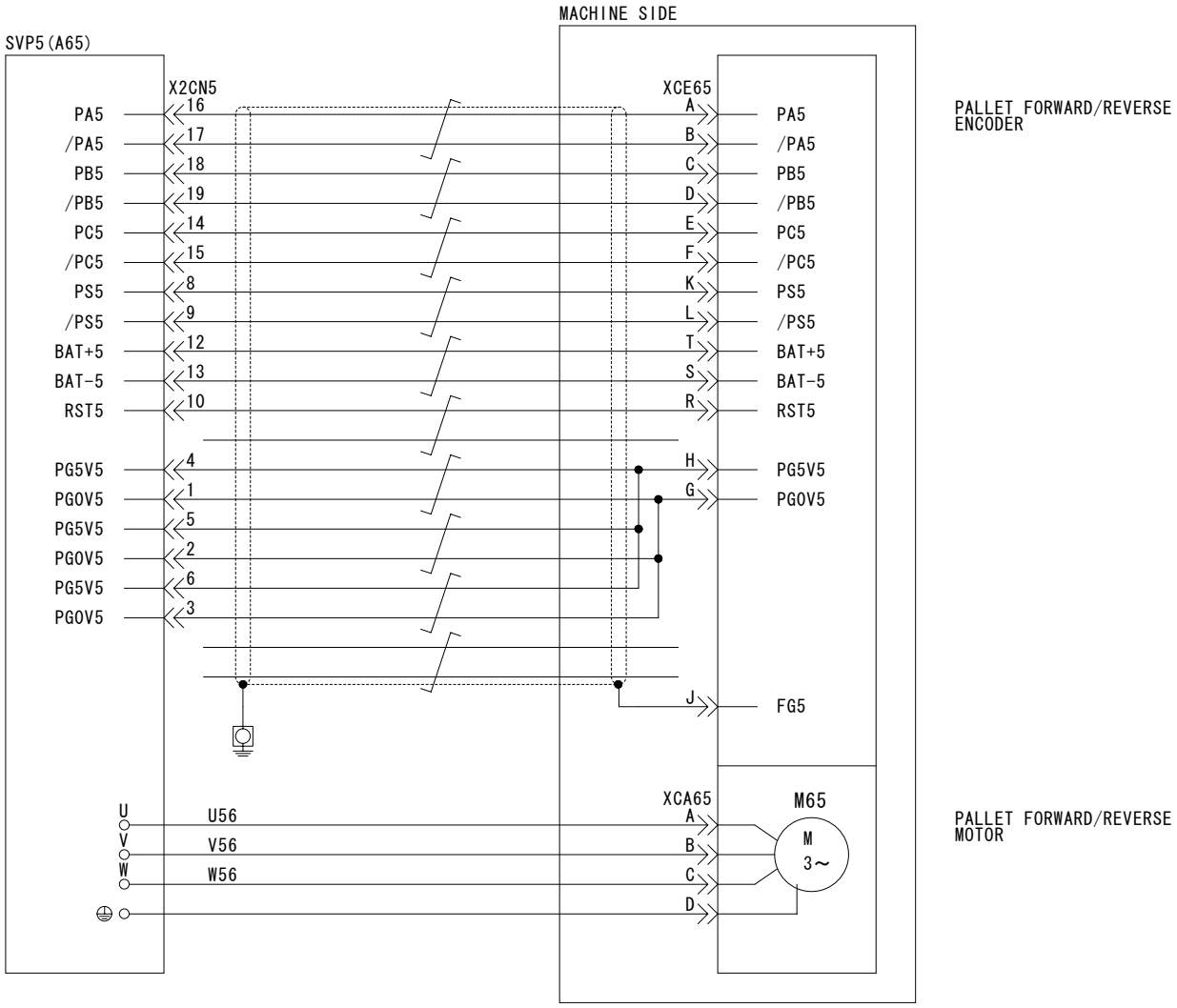

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) FWD/REV MOTOR
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46150.0

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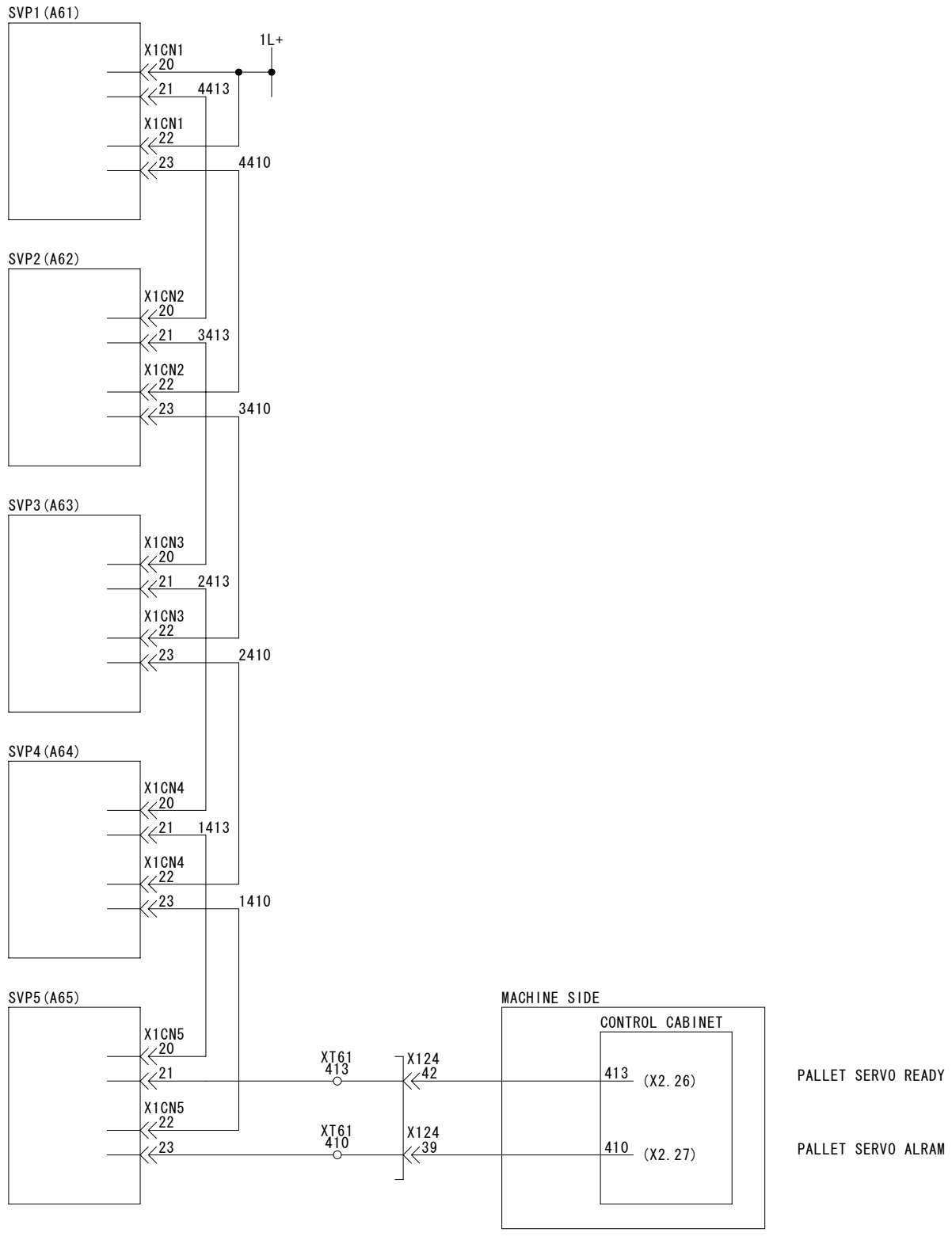

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) SERVO READY & ALARM
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46200.0

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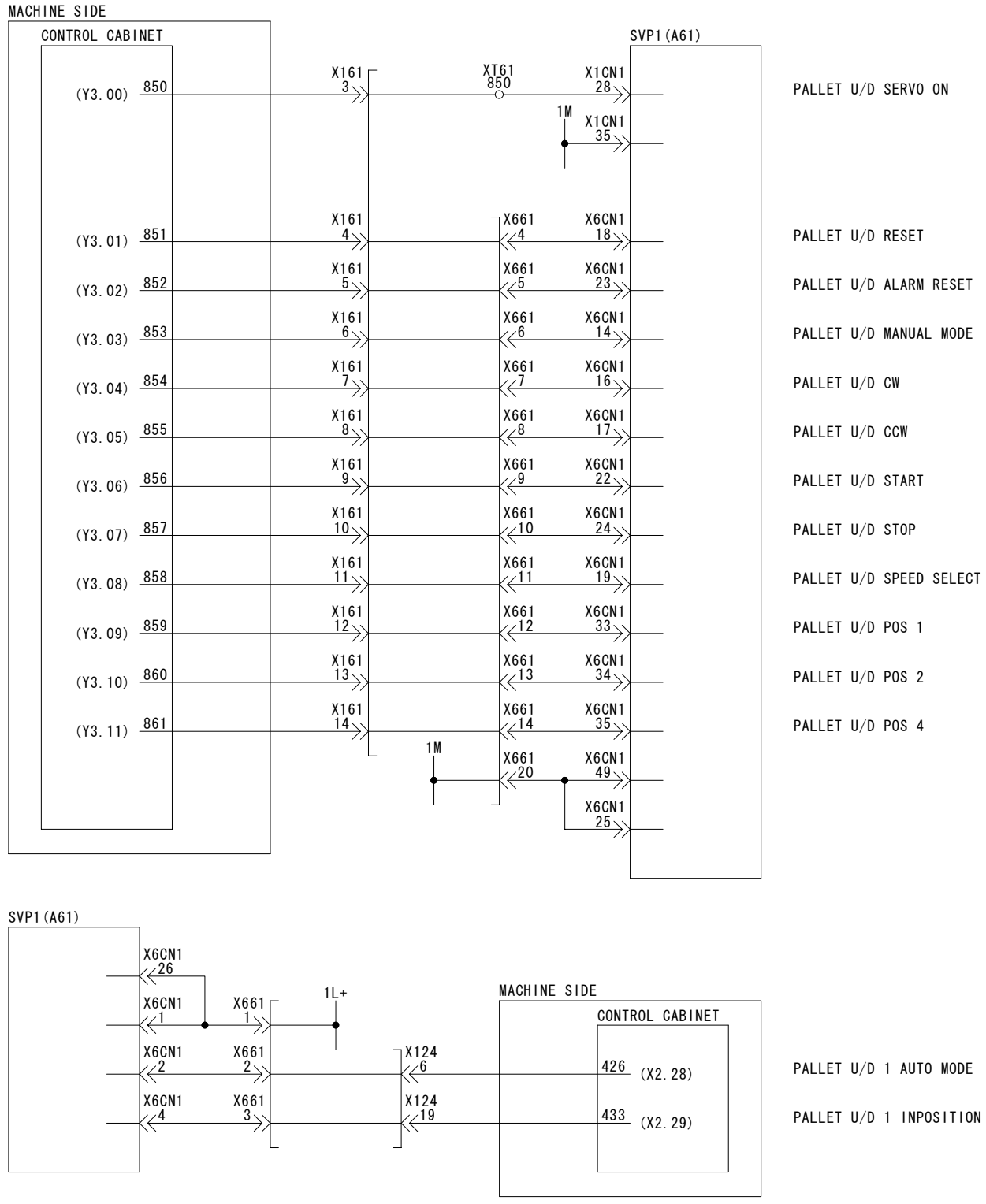

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) SERVO PACK 1
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46310.0

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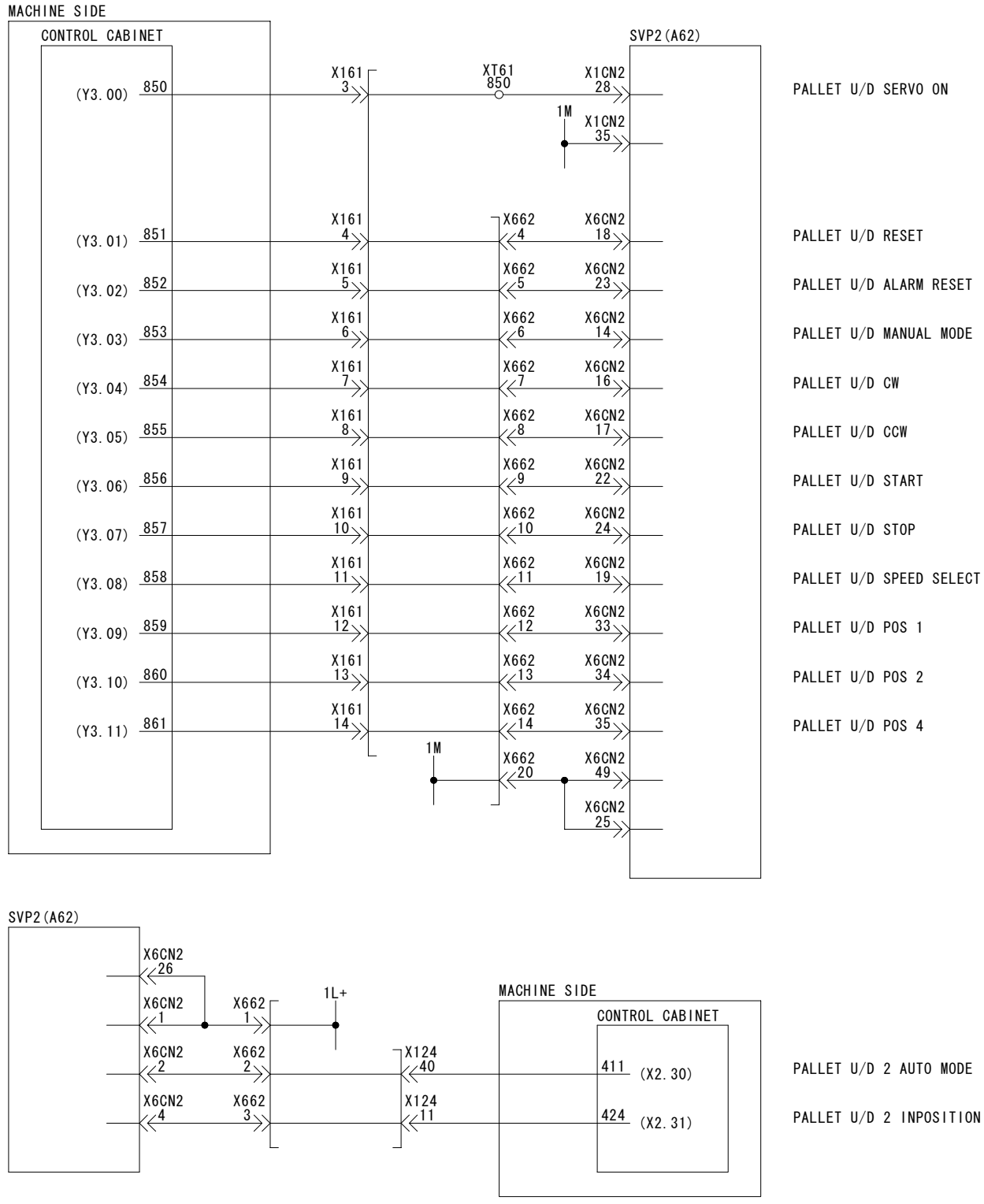

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) SERVO PACK 2
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46320.0

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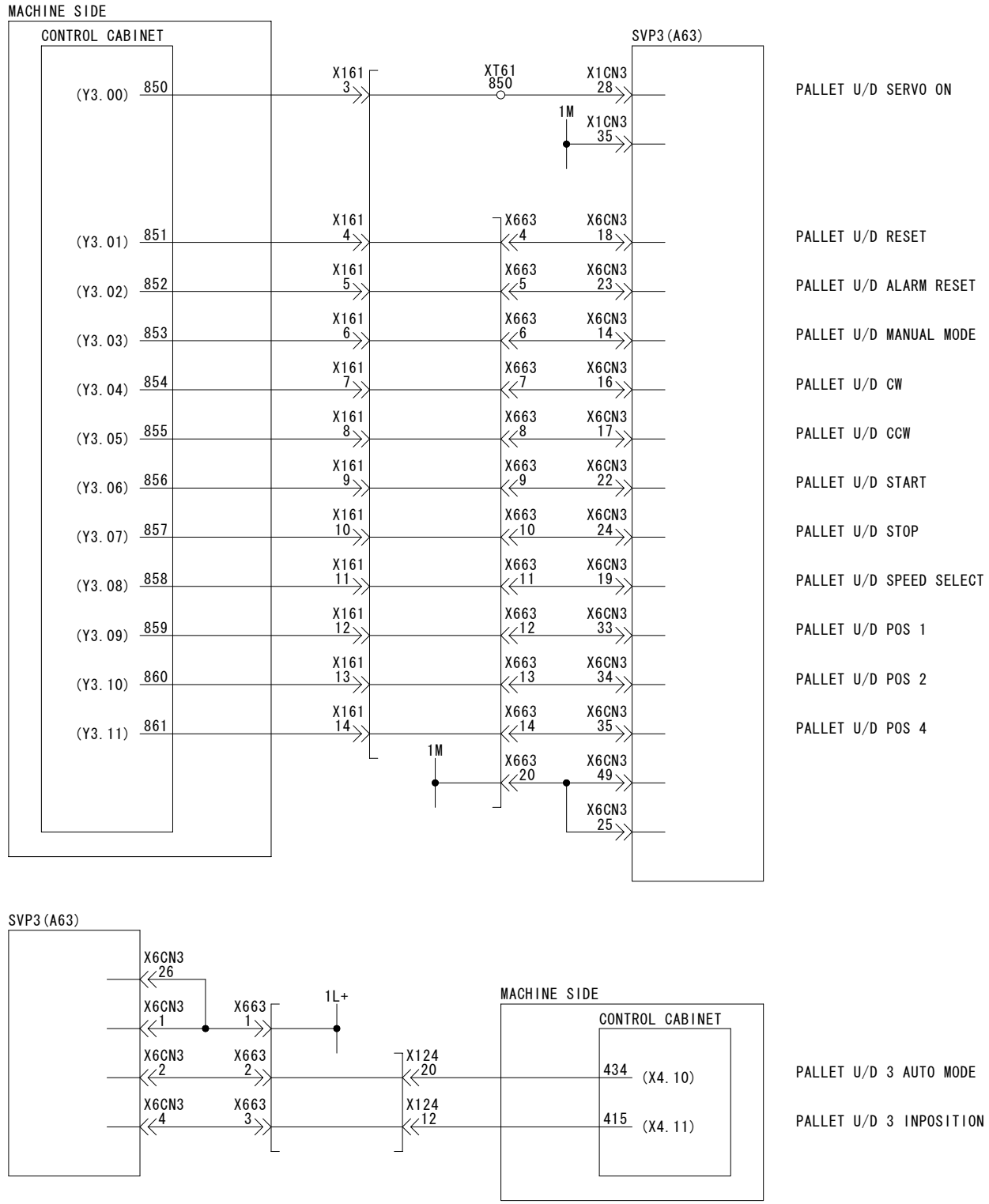

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) SERVO PACK 3
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46330.0

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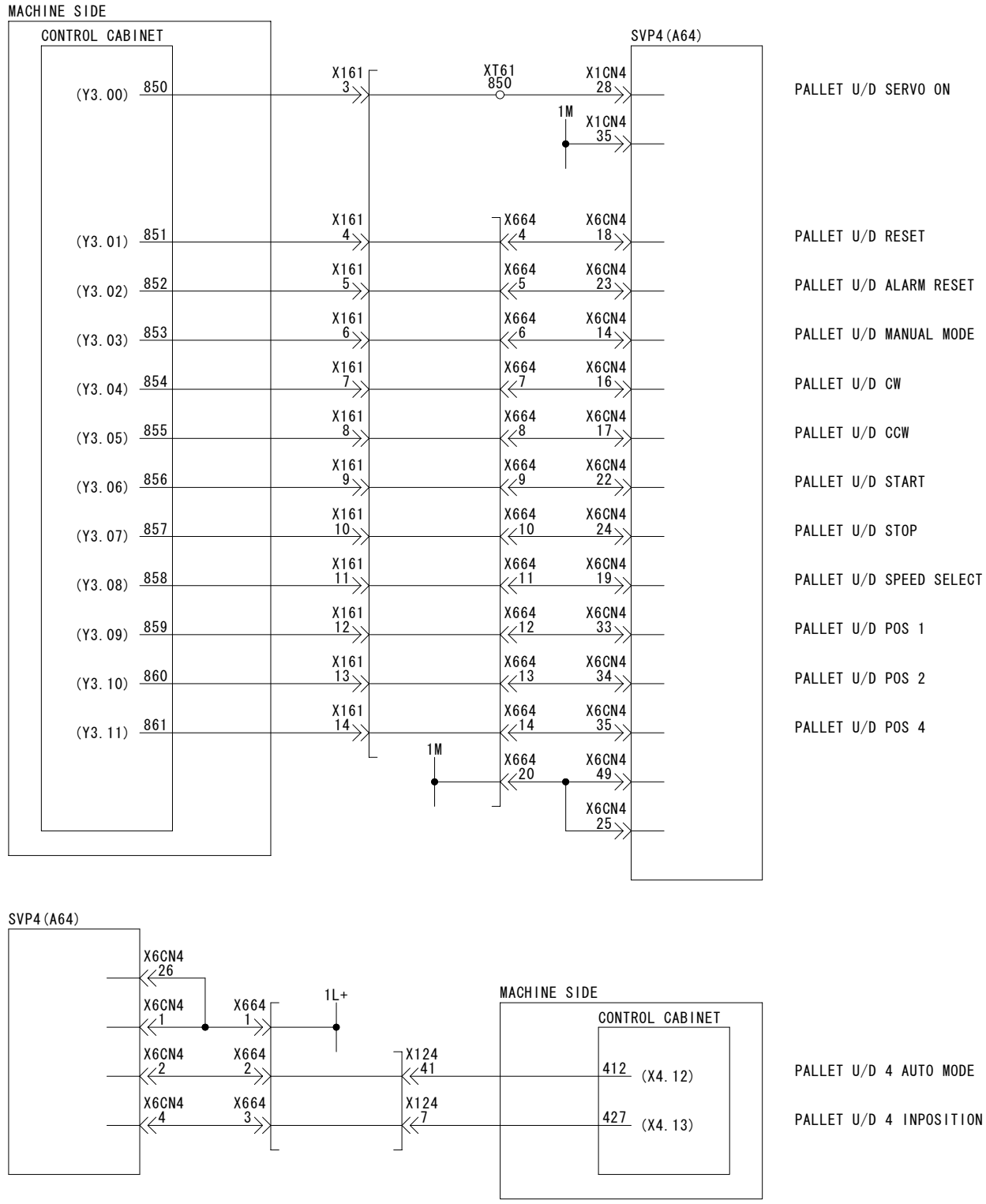

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) SERVO PACK 4
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46340.0

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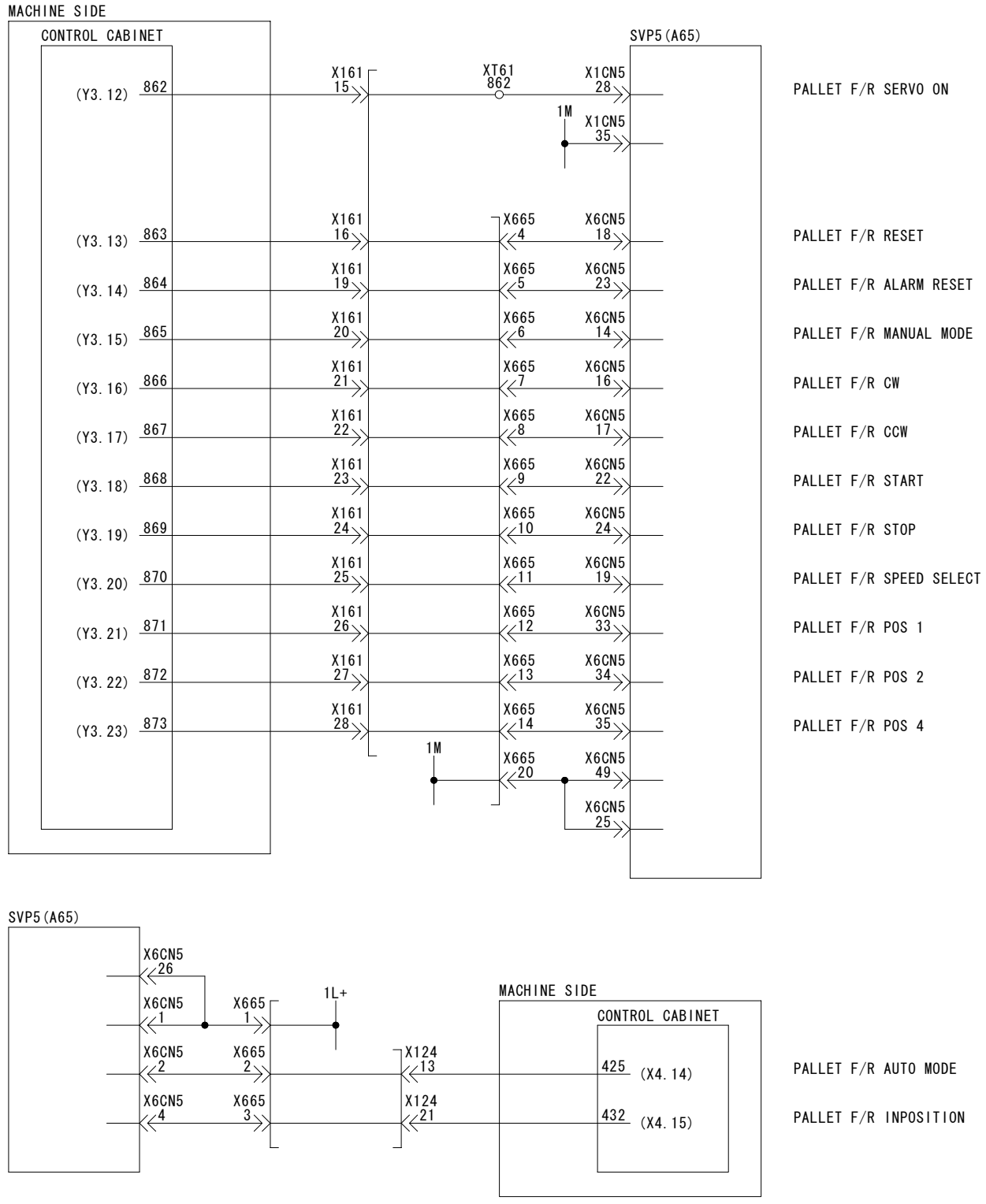

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) SERVO PACK 5
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46350.0

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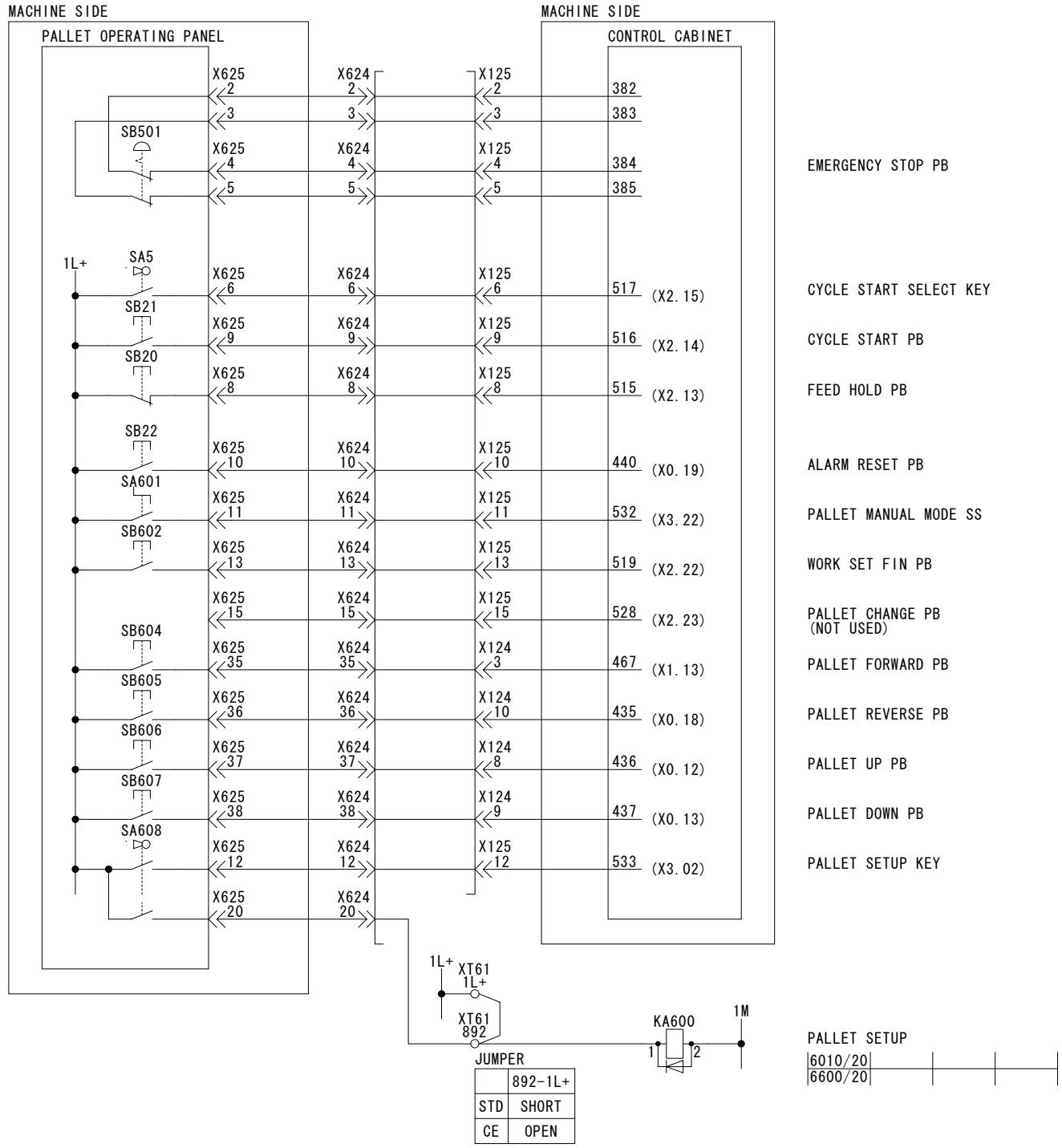

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) OPERATING PANEL(1)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46400.0

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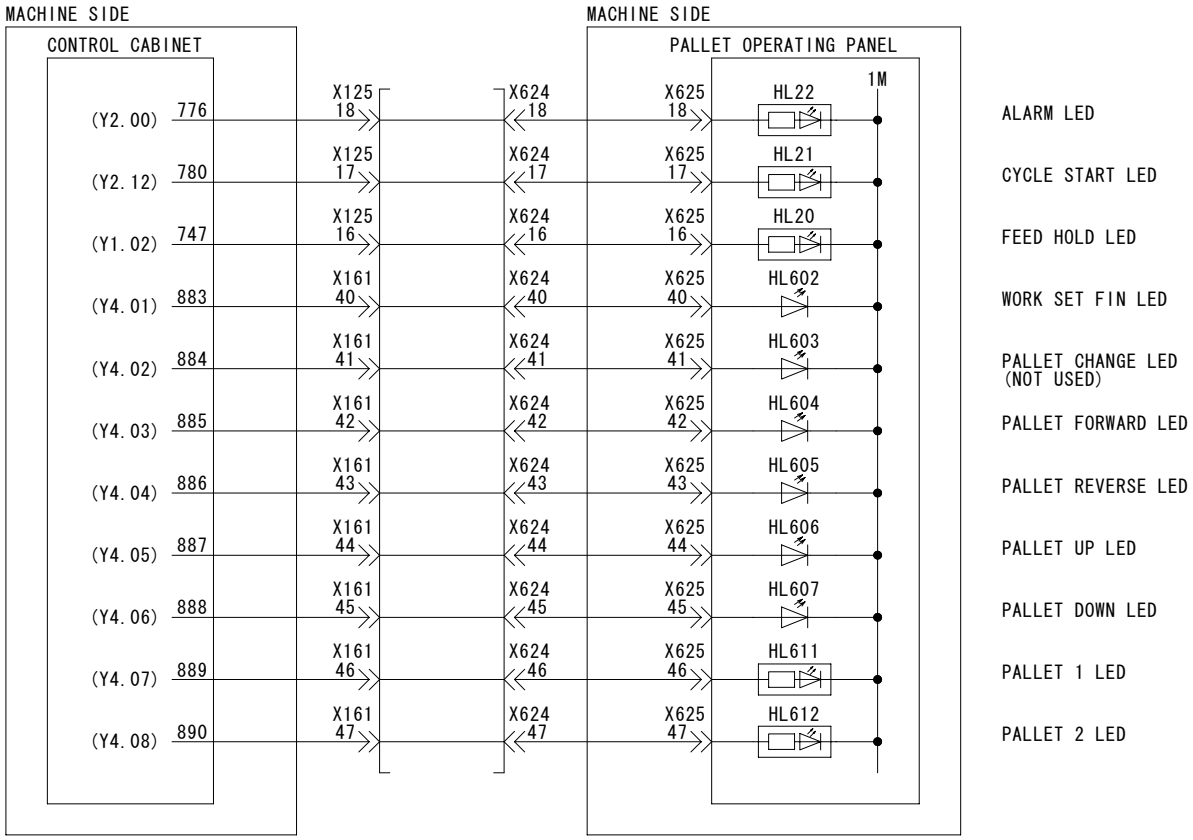

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) OPERATING PANEL(2)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46410.0

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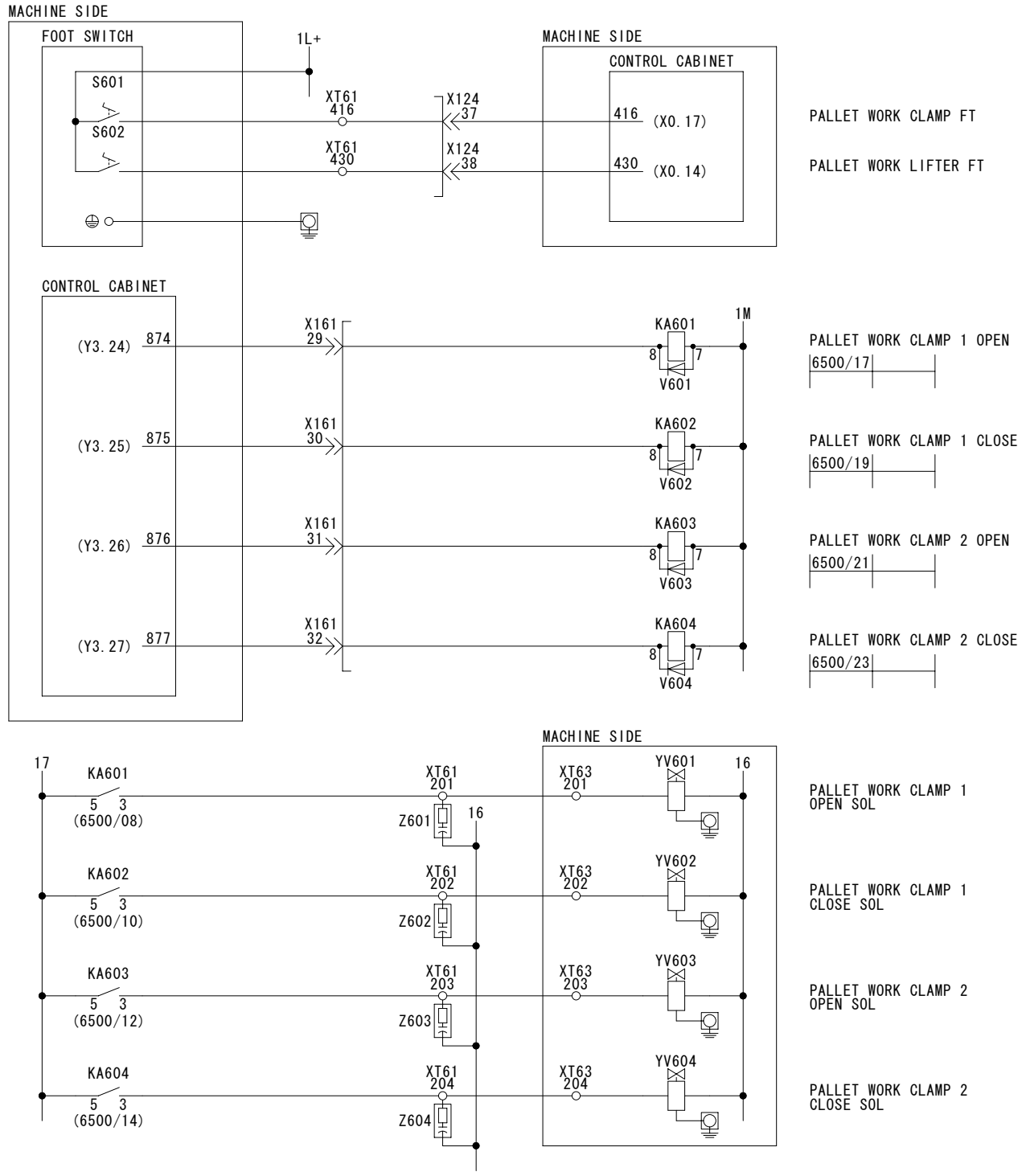

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) WORK CLAMP
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46500.0

YAMAZAKI MAZAK CORPORATION

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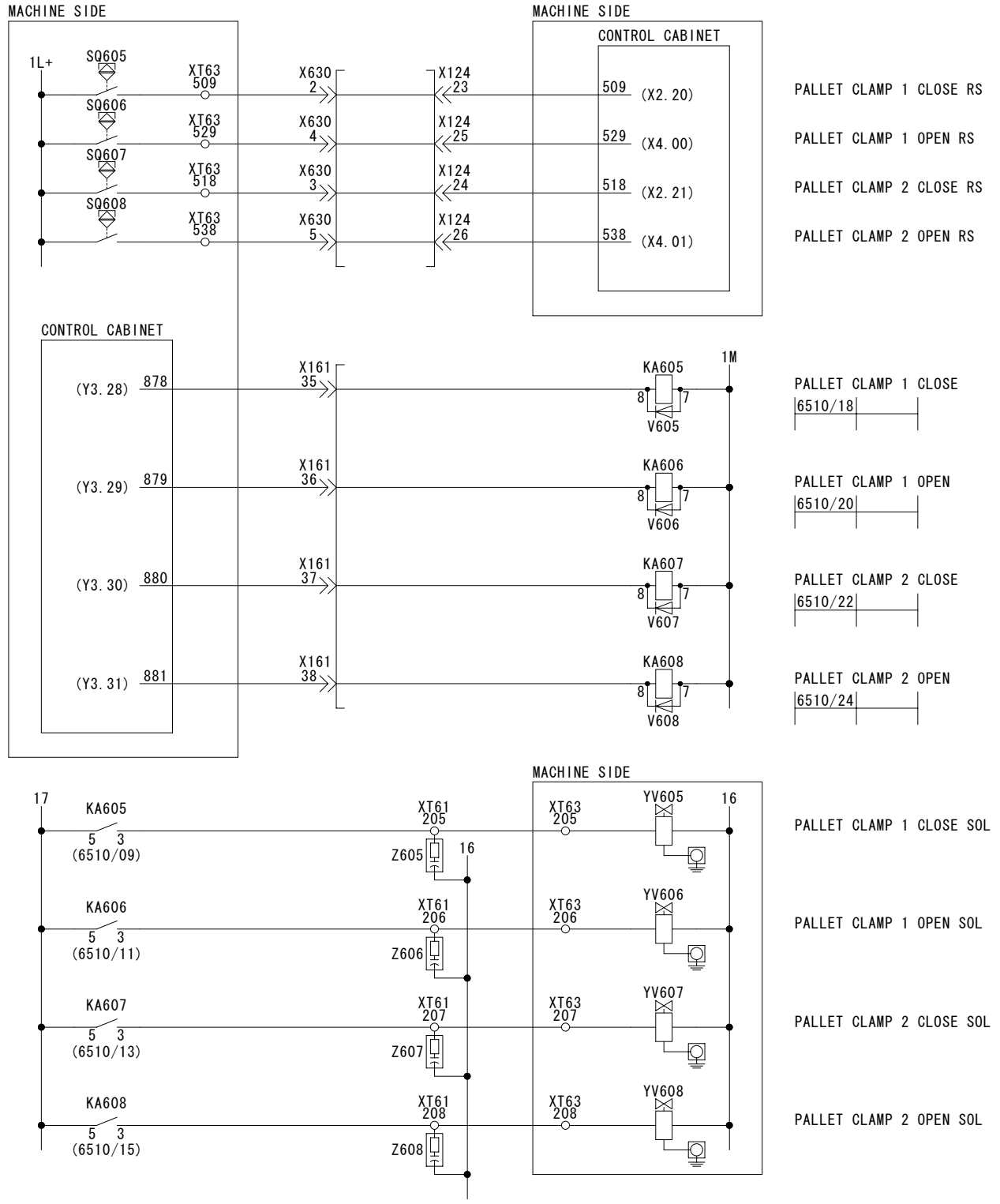
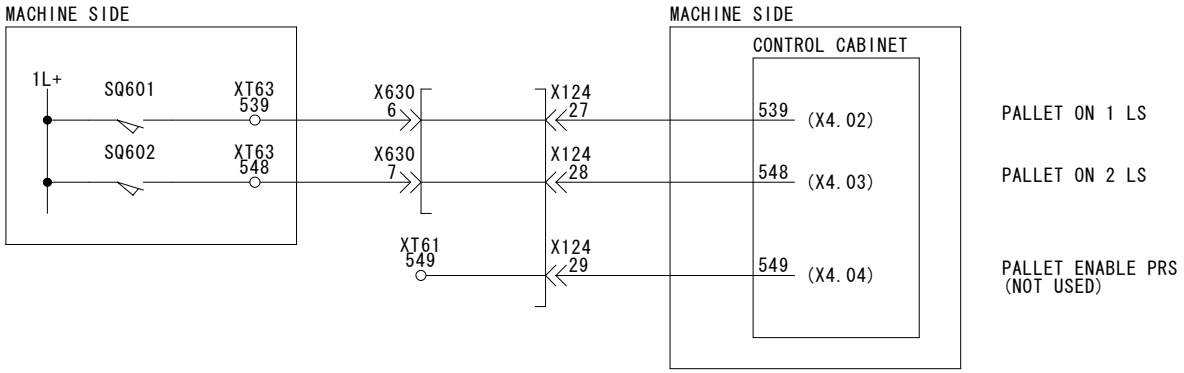


STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) PALLET CLAMP
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46510.0

YAMAZAKI MAZAK CORPORATION

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) PALLET SENSOR
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46520.0

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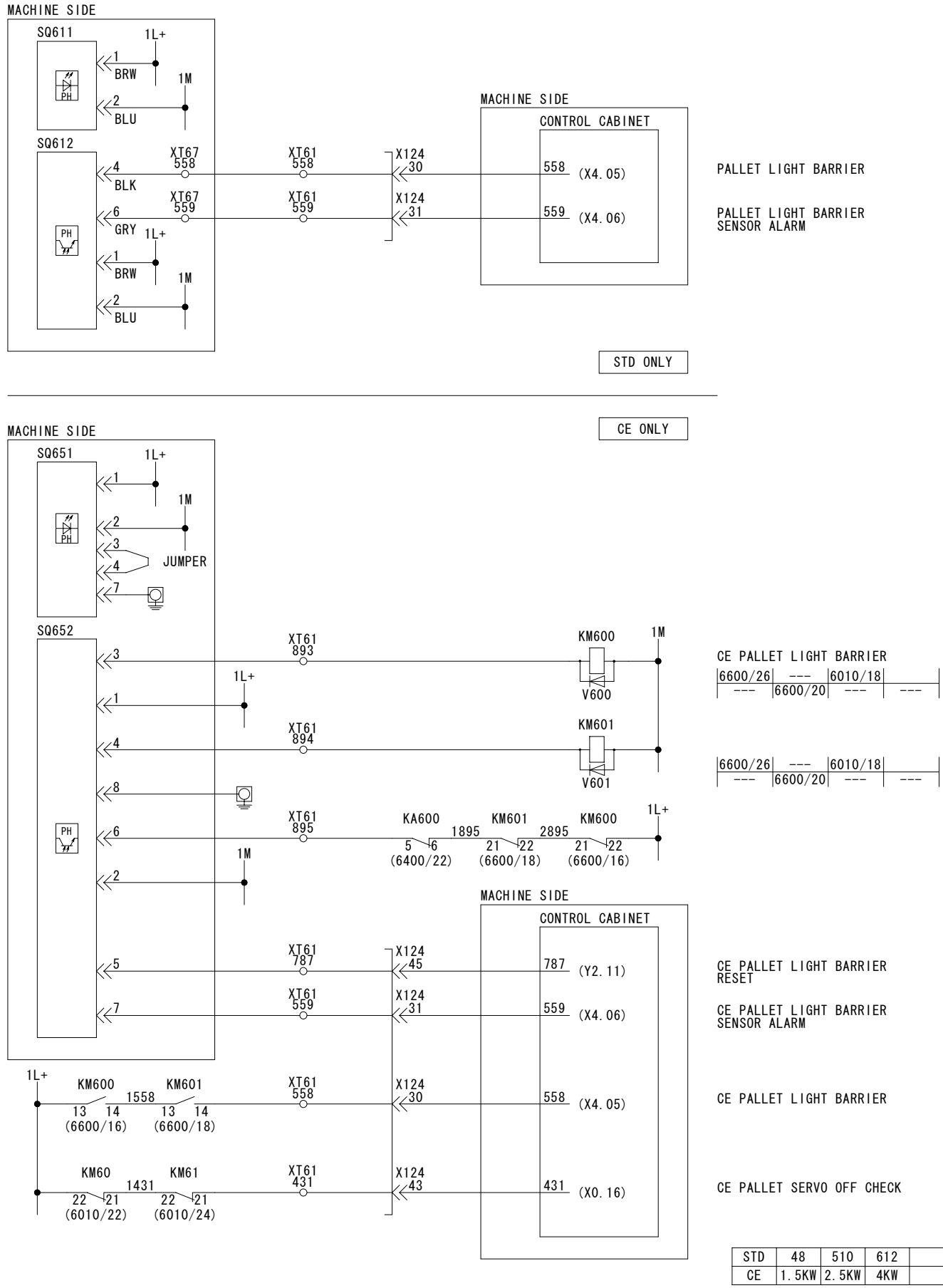

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) LIGHT BARRIER
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46600.0

YAMAZAKI MAZAK CORPORATION

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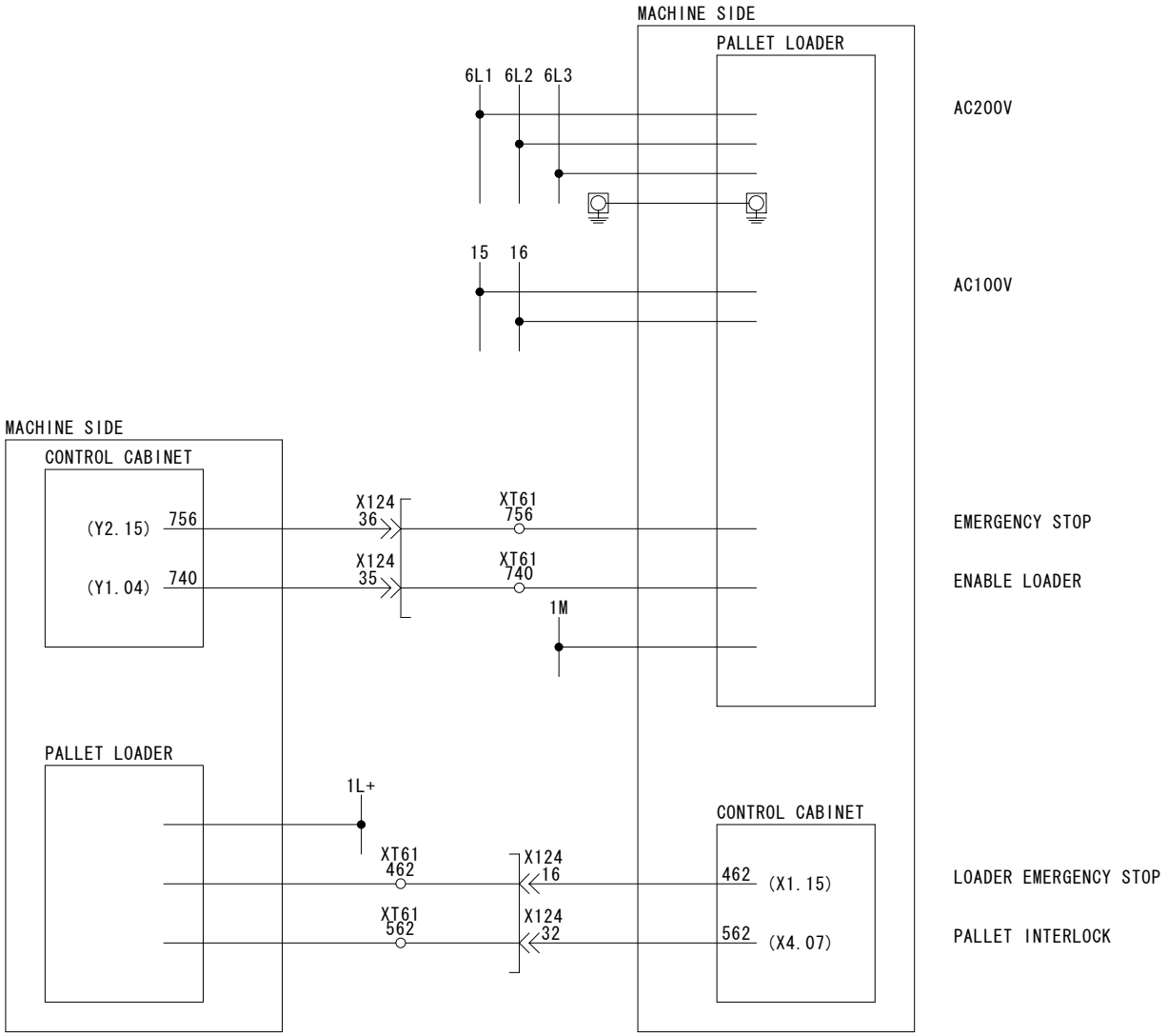

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) LOADER INTERFACE
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46900.0

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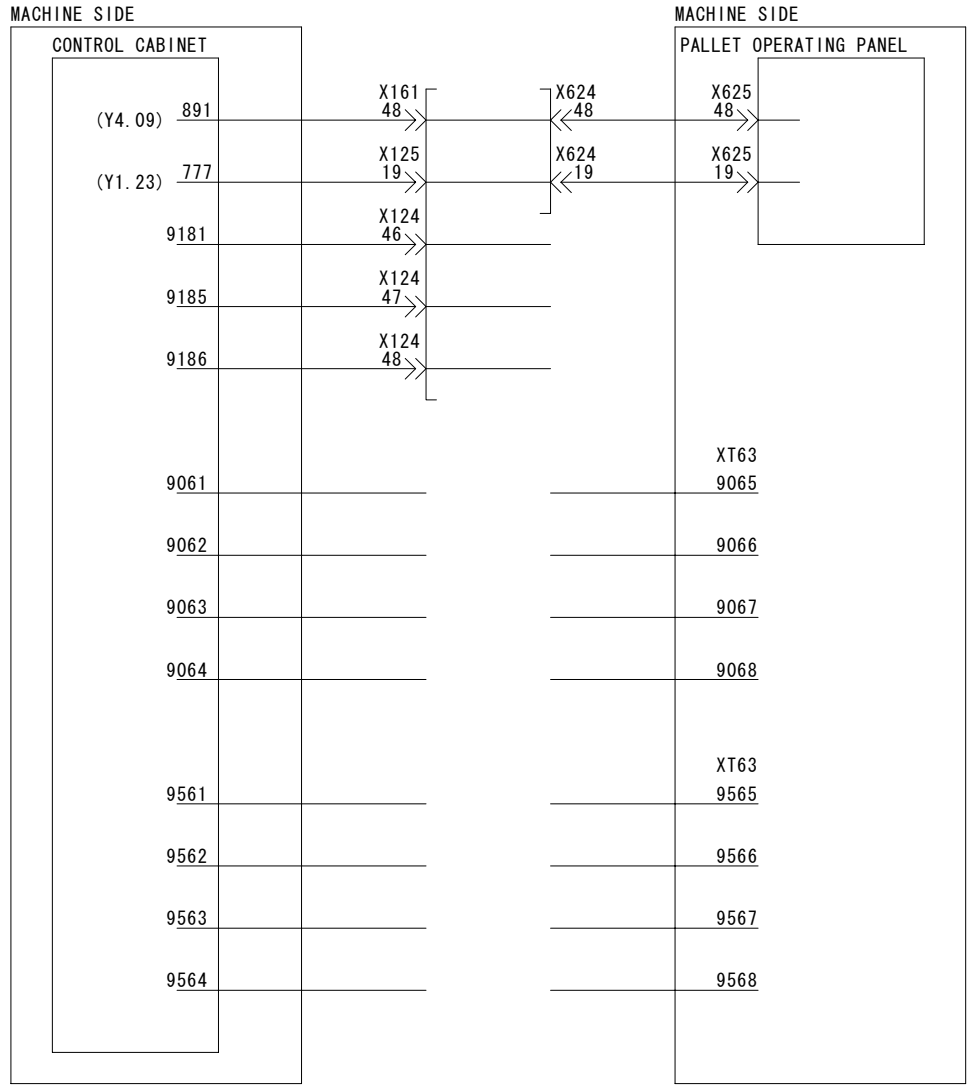

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) SPARE
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 46950.0

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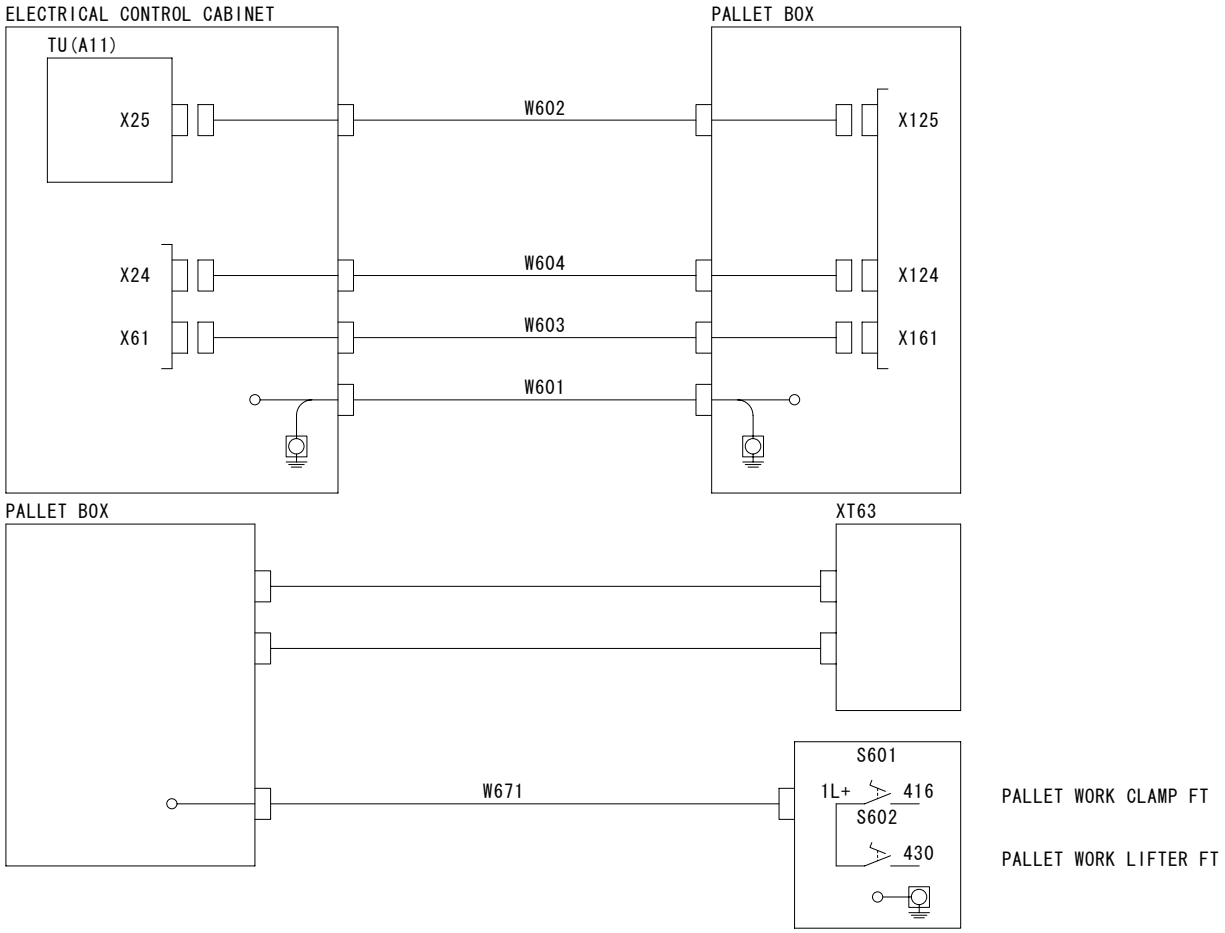
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) PALLET BOX (1)
④				
③				
②	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 36110.0
①				

YAMAZAKI MAZAK CORPORATION

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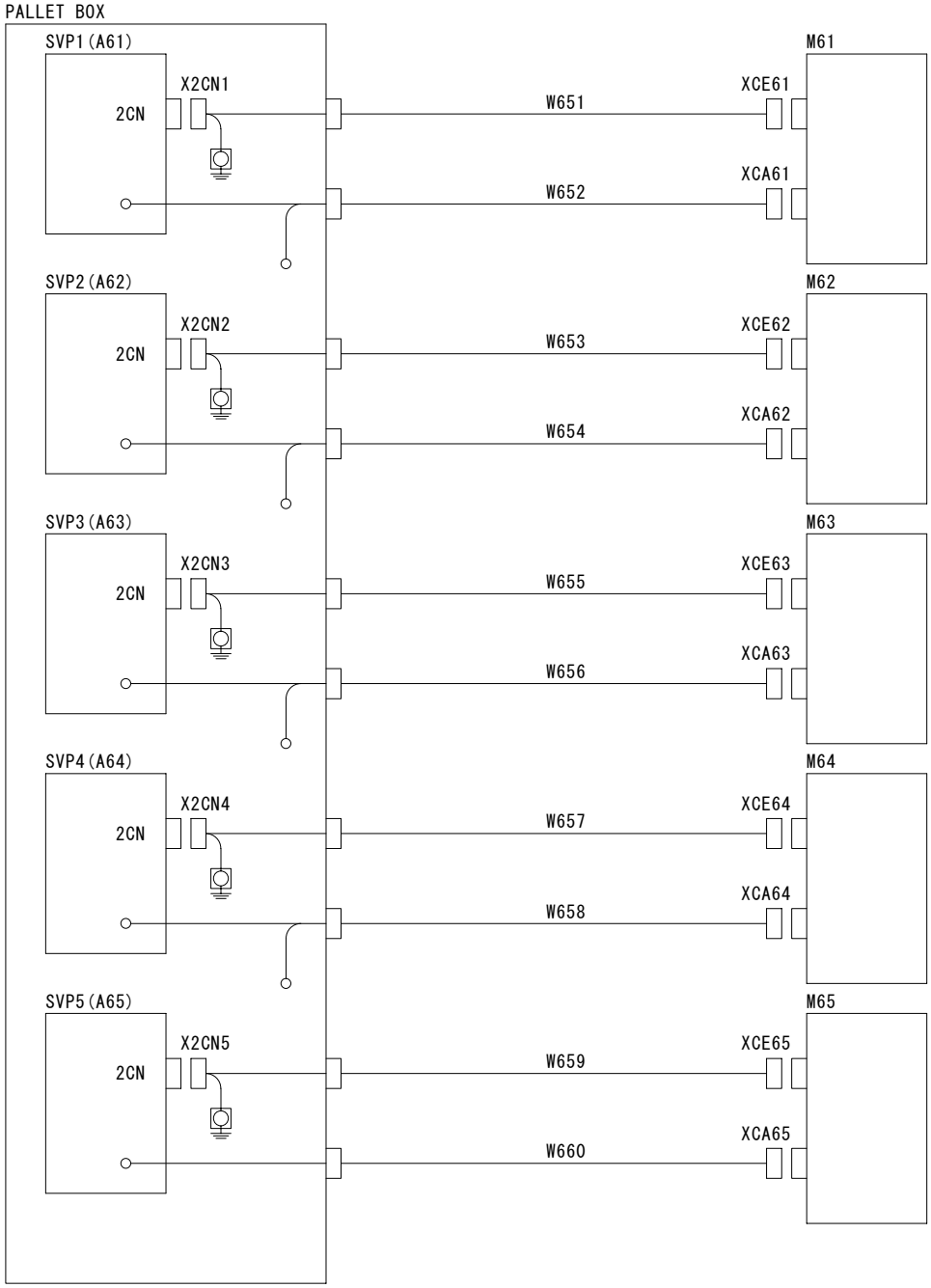
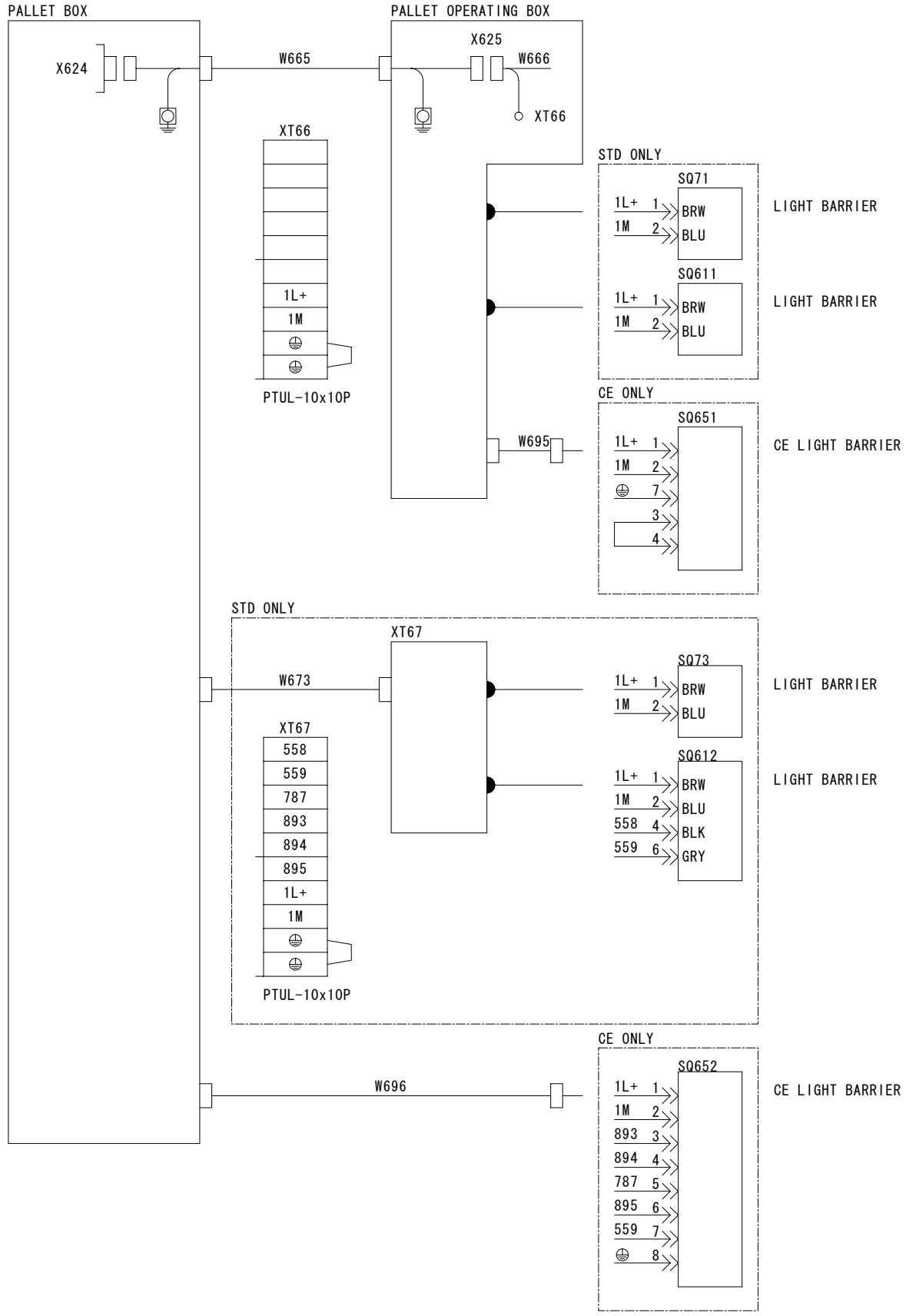


STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) PALLET BOX (2)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 36120.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) PALLET BOX (3)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 36130.0

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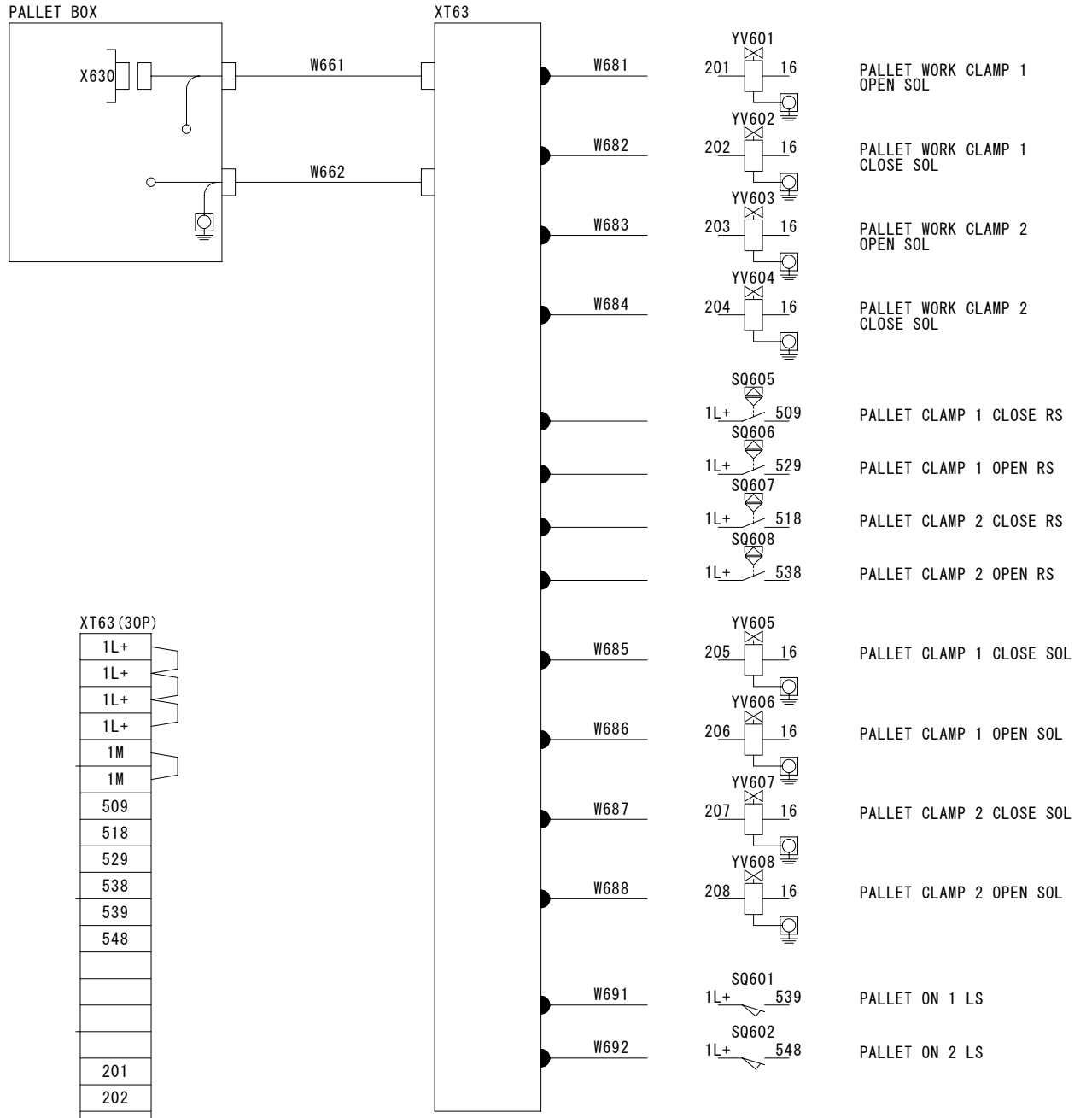

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) XT63
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 36150.0

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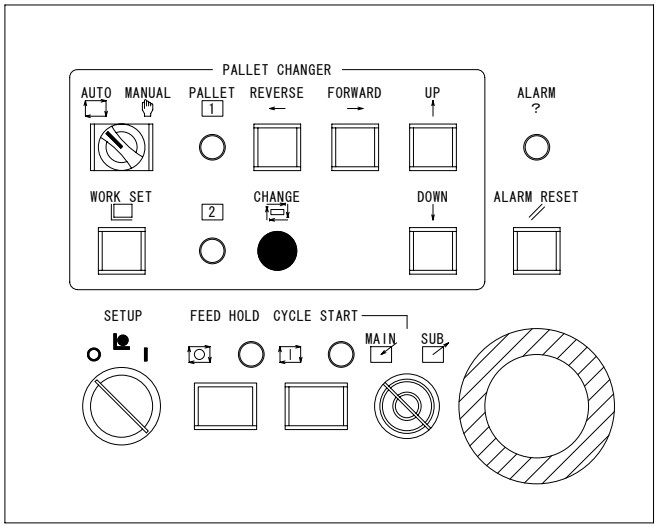
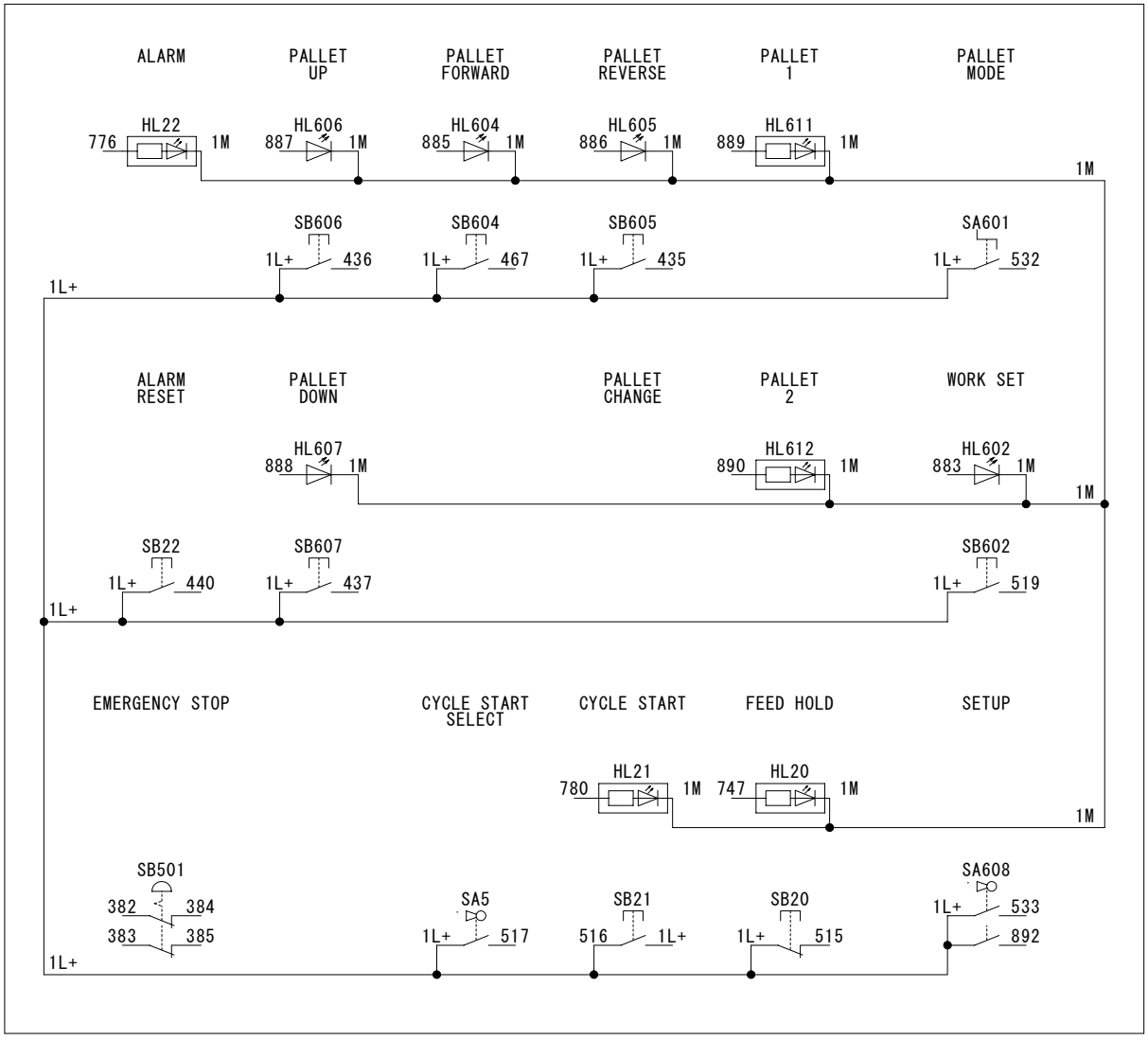


REAR CONNECTION



STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) OPERATING PANEL LAYOUT
④	H Iryoda	M.Okajima	M.Okajima	
③				DRWN NO. 676 007 36170.0
②				
①				

YAMAZAKI MAZAK CORPORATION

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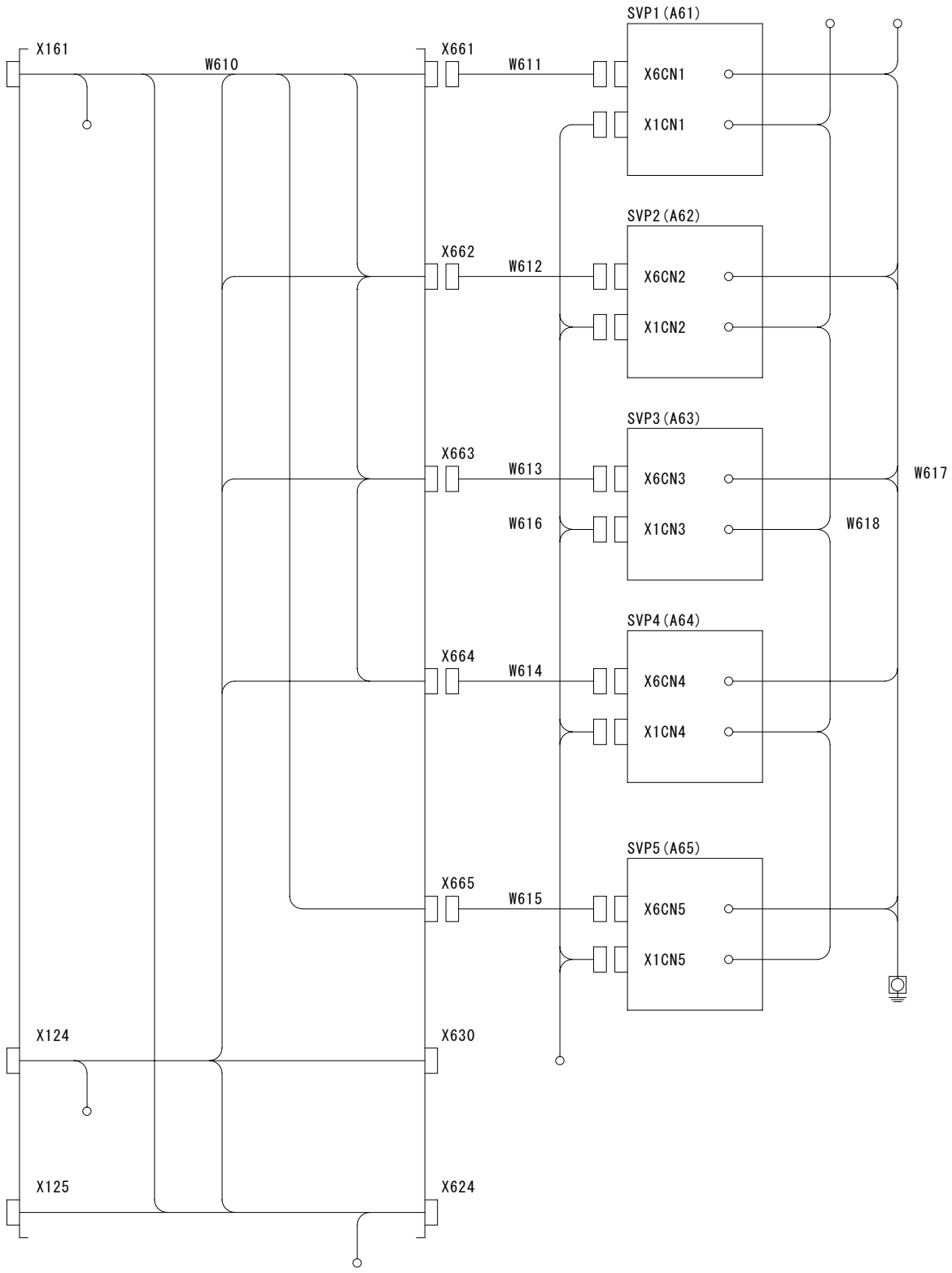

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (OPTION) PALLET BOX CONNECTION
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 56110.0

YAMAZAKI MAZAK CORPORATION

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PARTS LIST DIRECTORY

	SPECIFICATIONS OF MACHINE		Mk2 48 JPN 1.3KW 1.5KW 1.8KW	Mk2 48 JPN 2.5KW	Mk2 48 JPN 4KW	Mk2 510 JPN 1.3KW 1.5KW 1.8KW	Mk2 510 JPN 2.5KW	Mk2 510 JPN 4KW	Mk2 612 JPN 1.3KW 1.5KW 1.8KW	Mk2 612 JPN 2.5KW	Mk2 612 JPN 4KW
	--- STANDARD ---										
	CABINET		A	A	A	A	A	A	A	A	A
	OPERATING BOX		A	A	A	A	A	A	A	A	A
	OUTSIDE CABLE		A	A	A	B	B	B	C	C	C
△1	LASER		K	L	M	N	P	Q	R	S	T
	TERMINAL BOX	STD TYPE	A	A	A	A	A	A	A	A	A
		2PC TYPE	B	B	B	B	B	B	B	B	B
△2	AUX.TRANS		＃S	＋T	＊U	＃S	＋T	＊U	＃S	＋T	＊U
	LUBRICATOR		A	A	A	A	A	A	A	A	A
	WORK LIFTER & WORK CLAMP	612 WORK LIFTER	---	---	---	---	---	---	A	A	A
△1	AUTO FOCUS	FULL AUTO FOCUS(W AXIS)	B	B	B	C	C	C	D	D	D
△3	INTELLIGENT	INTELLIGENT	A	A	A	B	B	B	C	C	C
		BURNING SENSOR	D	D	D	E	E	E	F	F	F
	--- OPTION ---										
△1	AUX.TRANS		---	---	---	---	---	---	---	---	---
△1	CHILLER		A	B	C	A	B	C	A	B	C
	ASSIST GAS	H.P GAS(MNL)(NO SOL)	A	A	A	A	A	A	A	A	A
		4th GAS(3rd&4th SEL SOL)	B	B	B	B	B	B	B	B	B
		H.P REGULATOR(NO SOL)	C	C	C	C	C	C	C	C	C
		4th GAS(4th SEL SOL)	D	D	D	D	D	D	D	D	D
		H.P REGULATOR(3rd SEL SOL)	E	E	E	E	E	E	E	E	E
		H.P GAS(MNL)(3rd SEL SOL)	F	F	F	F	F	F	F	F	F
	EXHAUST UNIT	COVATRON	A	A	A	A	A	A	C	C	C
		SHINTO PXⅢ	B	B	B	B	B	B	B	B	B
	TRACER	NON CONTACT(MAZAK)	A	A	A	A	A	A	A	A	A
		POTENTIOMETER	C	C	C	C	C	C	C	C	C
△3		NON CONTACT(LHC2004)	E	E	E	E	E	E	E	E	E
	LOADER SENSOR		A	A	A	A	A	A	A	A	A
	AUTO & ALARM POWER OFF	EXTERNAL POWER CONTROL	B	B	B	B	B	B	B	B	B
△1	AUTO FOCUS	FOCUS TORCH	A	A	A	A	A	A	A	A	A
	SIDE BLOW		A	A	A	A	A	A	A	A	A
	THREE SIGNAL LIGHT		A	A	A	A	A	A	A	A	A
	LEAKAGE BREAKER		A	B	C	A	B	C	A	B	C
	LIGHT BARRIER	2PC LIGHT BARRIER	A	A	A	A	A	A	A	A	A
		CE 2PC LIGHT BARRIER	---	---	---	---	---	---	---	---	---
	ENCLOSURE COVER	SLIDE COVER	D	D	D	E	E	E	F	F	F
		FIXED COVER	G	G	G	H	H	H	J	J	J
	PALLET CHANGER		A	A	A	B	B	B	C	C	C

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5	
△4	
△3	Edition Jul.08.'09 S.Yamsaki
△2	Edition Mar.05.'09 M.Okajima
△1	Edition Jan.17.'09 M.Okajima

Mazak
YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
PARTS LIST DIRECTORY
(Mk2 JAPAN)

DRWN NO. 676 007 13013.0

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PARTS LIST DIRECTORY

	SPECIFICATIONS OF MACHINE		Mk2 48 EXP 1.3KW 1.5KW 1.8KW	Mk2 48 EXP 2.5KW	Mk2 48 EXP 4KW	Mk2 510 EXP 1.3KW 1.5KW 1.8KW	Mk2 510 EXP 2.5KW	Mk2 510 EXP 4KW	Mk2 612 EXP 1.3KW 1.5KW 1.8KW	Mk2 612 EXP 2.5KW	Mk2 612 EXP 4KW
	--- STANDARD ---										
	CABINET		A	A	A	A	A	A	A	A	A
	OPERATING BOX		A	A	A	A	A	A	A	A	A
	OUTSIDE CABLE		A	A	A	B	B	B	C	C	C
△1	LASER		K	L	M	N	P	Q	R	S	T
	TERMINAL BOX	STD TYPE	A	A	A	A	A	A	A	A	A
		2PC TYPE	B	B	B	B	B	B	B	B	B
△2	AUX.TRANS		＋S	－T	＊U	＋S	－T	＊U	＋S	－T	＊U
	LUBRICATOR		A	A	A	A	A	A	A	A	A
	WORK LIFTER & WORK CLAMP	612 WORK LIFTER	---	---	---	---	---	---	A	A	A
△1	AUTO FOCUS	FULL AUTO FOCUS(W AXIS)	B	B	B	C	C	C	D	D	D
△3	INTELLIGENT	INTELLIGENT	A	A	A	B	B	B	C	C	C
		BURNING SENSOR	D	D	D	E	E	E	F	F	F
	--- OPTION ---										
△1	AUX.TRANS		L	M	N	L	M	N	L	M	N
△1	CHILLER		A	B	C	A	B	C	A	B	C
	ASSIST GAS	H.P GAS(MNL)(NO SOL)	A	A	A	A	A	A	A	A	A
		4th GAS(3rd&4th SEL SOL)	B	B	B	B	B	B	B	B	B
		H.P REGULATOR(NO SOL)	C	C	C	C	C	C	C	C	C
		4th GAS(4th SEL SOL)	D	D	D	D	D	D	D	D	D
		H.P REGULATOR(3rd SEL SOL)	E	E	E	E	E	E	E	E	E
		H.P GAS(MNL)(3rd SEL SOL)	F	F	F	F	F	F	F	F	F
	EXHAUST UNIT	COVATRON	A	A	A	A	A	A	C	C	C
		SHINTO PXⅢ	B	B	B	B	B	B	B	B	B
	TRACER	NON CONTACT(MAZAK)	A	A	A	A	A	A	A	A	A
		POTENTIOMETER	C	C	C	C	C	C	C	C	C
△3		NON CONTACT(LHC2004)	E	E	E	E	E	E	E	E	E
	LOADER SENSOR		A	A	A	A	A	A	A	A	A
	AUTO & ALARM POWER OFF	EXTERNAL POWER CONTROL	B	B	B	B	B	B	B	B	B
△1	AUTO FOCUS	FOCUS TORCH	A	A	A	A	A	A	A	A	A
	SIDE BLOW		A	A	A	A	A	A	A	A	A
	THREE SIGNAL LIGHT		A	A	A	A	A	A	A	A	A
	LEAKAGE BREAKER		A	B	C	A	B	C	A	B	C
	LIGHT BARRIER	2PC LIGHT BARRIER	A	A	A	A	A	A	A	A	A
		CE 2PC LIGHT BARRIER	---	---	---	---	---	---	---	---	---
	ENCLOSURE COVER	SLIDE COVER	D	D	D	E	E	E	F	F	F
		FIXED COVER	G	G	G	H	H	H	J	J	J
	PALLET CHANGER		A	A	A	B	B	B	C	C	C

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5	
△4	
△3	Edition Jul.08.'09 S.Yamsaki
△2	Edition Mar.05.'09 M.Okajima
△1	Edition Jan.17.'09 M.Okajima

Mazak
YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
PARTS LIST DIRECTORY
(Mk2 EXPORT)

DRWN NO. 676 007 13023.0

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PARTS LIST DIRECTORY

	SPECIFICATIONS OF MACHINE		Mk2 48 CE 1.3KW 1.5KW 1.8KW	Mk2 48 CE 2.5KW	Mk2 48 CE 4KW	Mk2 510 CE 1.3KW 1.5KW 1.8KW	Mk2 510 CE 2.5KW	Mk2 510 CE 4KW	Mk2 612 CE 1.3KW 1.5KW 1.8KW	Mk2 612 CE 2.5KW	Mk2 612 CE 4KW
	--- STANDARD ---										
	CABINET		A	A	A	A	A	A	A	A	A
	OPERATING BOX		A	A	A	A	A	A	A	A	A
	OUTSIDE CABLE		A	A	A	B	B	B	C	C	C
△1	LASER		K	L	M	N	P	Q	R	S	T
	TERMINAL BOX	STD TYPE	A	A	A	A	A	A	A	A	A
		2PC TYPE	B	B	B	B	B	B	B	B	B
△2	AUX.TRANS		＋S	－T	＊U	＋S	－T	＊U	＋S	－T	＊U
	LUBRICATOR		A	A	A	A	A	A	A	A	A
	WORK LIFTER & WORK CLAMP	612 WORK LIFTER	---	---	---	---	---	---	A	A	A
△1	AUTO FOCUS	FULL AUTO FOCUS(W AXIS)	B	B	B	C	C	C	D	D	D
△3	INTELLIGENT	INTELLIGENT	A	A	A	B	B	B	C	C	C
		BURNING SENSOR	D	D	D	E	E	E	F	F	F
	--- OPTION ---										
△1	AUX.TRANS		P	Q	R	P	Q	R	P	Q	R
△1	CHILLER		A	B	C	A	B	C	A	B	C
	ASSIST GAS	H.P GAS(MNL)(NO SOL)	A	A	A	A	A	A	A	A	A
		4th GAS(3rd&4th SEL SOL)	B	B	B	B	B	B	B	B	B
		H.P REGULATOR(NO SOL)	C	C	C	C	C	C	C	C	C
		4th GAS(4th SEL SOL)	D	D	D	D	D	D	D	D	D
		H.P REGULATOR(3rd SEL SOL)	E	E	E	E	E	E	E	E	E
		H.P GAS(MNL)(3rd SEL SOL)	F	F	F	F	F	F	F	F	F
	EXHAUST UNIT	COVATRON	A	A	A	A	A	A	C	C	C
		SHINTO PXⅢ	B	B	B	B	B	B	B	B	B
	TRACER	NON CONTACT(MAZAK)	A	A	A	A	A	A	A	A	A
		POTENTIOMETER	C	C	C	C	C	C	C	C	C
△3		NON CONTACT(LHC2004)	E	E	E	E	E	E	E	E	E
	LOADER SENSOR		A	A	A	A	A	A	A	A	A
	AUTO & ALARM POWER OFF	EXTERNAL POWER CONTROL	B	B	B	B	B	B	B	B	B
△1	AUTO FOCUS	FOCUS TORCH	A	A	A	A	A	A	A	A	A
	SIDE BLOW		A	A	A	A	A	A	A	A	A
	THREE SIGNAL LIGHT		A	A	A	A	A	A	A	A	A
	LEAKAGE BREAKER		A	B	C	A	B	C	A	B	C
	LIGHT BARRIER	2PC LIGHT BARRIER	---	---	---	---	---	---	---	---	---
		CE 2PC LIGHT BARRIER	B	B	B	B	B	B	B	B	B
	ENCLOSURE COVER	SLIDE COVER	D	D	D	E	E	E	F	F	F
		FIXED COVER	G	G	G	H	H	H	J	J	J
	PALLET CHANGER		A	A	A	B	B	B	C	C	C

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5	
△4	
△3	Edition Jul.08.'09 S.Yamsaki
△2	Edition Mar.05.'09 M.Okajima
△1	Edition Jan.17.'09 M.Okajima

Mazak
YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
PARTS LIST DIRECTORY (Mk2 CE)

DRWN NO. 676 007 13033.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。

PARTS LIST DIRECTORY

	SPECIFICATIONS OF MACHINE		Champ 48 JPN 1.3KW	Champ 48 EXP 1.3KW	Champ 48 CE 1.3KW	Champ 510 JPN 1.3KW	Champ 510 EXP 1.3KW	Champ 510 CE 1.3KW			
	--- STANDARD ---										
	CABINET		A	A	A	A	A	A			
	OPERATING BOX		A	A	A	A	A	A			
	OUTSIDE CABLE		A	A	A	B	B	B			
△1	LASER		K	K	K	N	N	N			
	TERMINAL BOX	STD TYPE	A	A	A	A	A	A			
		2PC TYPE	B	B	B	B	B	B			
△2	AUX.TRANS		＃S	＃S	＃S	＃S	＃S	＃S			
	LUBRICATOR		---	---	---	---	---	---			
	WORK LIFTER & WORK CLAMP	612 WORK LIFTER	---	---	---	---	---	---			
△1	AUTO FOCUS	FULL AUTO FOCUS(W AXIS)	B	B	B	C	C	C			
△3	INTELLIGENT	INTELLIGENT	---	---	---	---	---	---			
		BURNING SENSOR	D	D	D	E	E	E			
	--- OPTION ---										
△1	AUX.TRANS		---	L	P	---	L	P			
△1	CHILLER		A	A	A	A	A	A			
	ASSIST GAS	H.P GAS(MNL)(NO SOL)	A	A	A	A	A	A			
		4th GAS(3rd&4th SEL SOL)	B	B	B	B	B	B			
		H.P REGULATOR(NO SOL)	C	C	C	C	C	C			
		4th GAS(4th SEL SOL)	D	D	D	D	D	D			
		H.P REGULATOR(3rd SEL SOL)	E	E	E	E	E	E			
		H.P GAS(MNL)(3rd SEL SOL)	F	F	F	F	F	F			
	EXHAUST UNIT	COVATRON	A	A	A	A	A	A			
		SHINTO PXⅢ	B	B	B	B	B	B			
	TRACER	NON CONTACT(MAZAK)	A	A	A	A	A	A			
		POTENTIOMETER	C	C	C	C	C	C			
△3		NON CONTACT(LHC2004)	E	E	E	E	E	E			
	LOADER SENSOR		A	A	A	A	A	A			
	AUTO & ALARM POWER OFF	EXTERNAL POWER CONTROL	B	B	B	B	B	B			
△1	AUTO FOCUS	FOCUS TORCH	A	A	A	A	A	A			
	SIDE BLOW		A	A	A	A	A	A			
	THREE SIGNAL LIGHT		A	A	A	A	A	A			
	LEAKAGE BREAKER		A	B	C	A	B	C			
	LIGHT BARRIER	2PC LIGHT BARRIER	A	A	---	A	A	---			
		CE 2PC LIGHT BARRIER	---	---	B	---	---	B			
	ENCLOSURE COVER	SLIDE COVER	D	D	D	E	E	E			
		FIXED COVER	G	G	G	H	H	H			
	PALLET CHANGER		A	A	A	B	B	B			

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5	
△4	
△3	Edition Jul.09.'09 M.Okajima
△2	Edition Mar.05.'09 M.Okajima
△1	Edition Jan.17.'09 M.Okajima

Mazak
YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
PARTS LIST DIRECTORY
(Champion)

DRWN NO. 676 007 13043.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A
	D11TQ 000230	DOOR SWITCH	D2D-2000	OMRON	SQ201 SQ202	2
	D56TR 001840	COOLING FAN	UTS450CW	TOYO	M100 M101	2
	D56TY 001260	FINGER GUARD	A-30F-1	TOBISHI		4
	D20ZZ 002570	SIGNAL LIGHT	AGD100-2-RY	ASAHI	A111	1
	D53TD 007340	TERMINAL BLOCK	PTL-300x3P	TOYO GIKEN	XT1	1
	398106 10660	EARTH BAR	20x270 t5	MAZAK		1
	D56YC 001580	MARK	⏚	MAZAK		6
	467118 00010	LABEL	REMOTE CONTROL	MAZAK		1
	342662 33411	LABEL	MAZAK CONTROL BOX	MAZAK		1
	Z21TU 001170	GROMMET	C-30-SG-60A	TAKIGEN		1
	D64ZZ 004980	HOLE PLUG	DP-875	HEICO		19
	D64ZZ 005000	HOLE PLUG	DP-1093	HEICO		7
	D64ZZ 005030	HOLE PLUG	DP-1375	HEICO		2
△1	D80UB 016153	---	YSZ-708H	UNION	A150	1
△2	D53PH 009001	TERMINAL BLOCK	QTC1.5x10P	PHOENIX	XT100	1
△2	D53PH 010280	SHORT BAR	FBS 2-5	PHOENIX	XT100	2
		[NC PANEL]				
	D49HE 005460	TRANSFORMER	HE1-2.0K-3-TUV	HOTTA	TC1	1
	D51MB 005340	CIRCUIT PROTECTOR	BAC101505(5A)	MATSUSHITA	QF7	1
	D51MB 002081	CIRCUIT PROTECTOR	BAC112105(10A)	MATSUSHITA	QF8,9	2
	D51MB 005260	CIRCUIT PROTECTOR	BAC101105(1A)	MATSUSHITA	QF10	1
	D80MB 002870	COVER	BAC9001	MATSUSHITA	QF7,8,9 10	4
	D53TD 004790	TERMINAL BLOCK	PTUL-10x20P	TOYO GIKEN	XT4	1
	D43PA 001380	SPARK KILLER	XAB-1201	OKAYA	Z2,3,4	3
	067716 01050	EARTH BAR	D05-M3-0035 MKP-052A-00 (20x170 t5)	TOHO		1
	D56YC 001580	EARTH MARK	⏚	MAZAK		2
		[TB PANEL]				
	D70YC 003960	TERMINAL UNIT	MTU-100	NADEX	A11	1
	D70YC 003970	SUB TERMINAL UNIT	STU-100	NADEX	A12	1
	D50EA 001740	DC POWER SUPPLY	R100U-24-N	COSEL	GS1	1
	D50EA 001500	DC POWER SUPPLY	PMC30E-2	COSEL	GS2	1
	D53TD 005290	TERMINAL BLOCK	PTUL-10x60P	TOYO GIKEN	XT5,6	2
	D53TD 004730	TERMINAL BLOCK	PTUL-20x2P	TOYO GIKEN	XT9	1
	D30MB 002160	RESISTER	ER050CKF510R(510Ω1/2W)	MATUSHITA	R1	1
	D56YC 001580	EARTH MARK	⏚	MAZAK		2

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

△5
△4
△3
△2 Edition Jan.15.'09 M.Okajima
△1 Edition May.29.'08 K.Fukushige

Mazak
YAMAZAKI MAZAK CORPORATION

TITLE: CABINET(1)

DRWN NO. 676 007 13112.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A
		[CB PANEL]				
	D51MA 002712	NO FUSE BREAKER	NF30-CS 3P 30A	MITSUBISHI	QF4	1
	D51MA 008451	COVER	TCS-03CS3W	MITSUBISHI	QF4	1
	D51MA 008591	NO FUSE BREAKER	NF30-CS 2P 10A	MITSUBISHI	QF5	1
	D51MA 009721	COVER	TCS-03CS2W	MITSUBISHI	QF5	1
	D51MA 015231	NO FUSE BREAKER	NF63-CW 3P 40A	MITSUBISHI	QF6	1
	D51MA 014401	COVER	TCS-05SW3W	MITSUBISHI	QF6	1
	D02MA 006750	MAGNET CONTACTOR	S-N25CX AC100V 2a2b	MITSUBISHI	KM500	1
	D43PA 001380	SPARK KILLER	XAB-1201	OKAYA	Z500	1
	D01MA 057620	MAGNET CONTACTOR	MSO-2XN11CXKP 2.1A AC100V 1aX2	MITSUBISHI	KM100 KM101 FR100	1
	D43PA 001380	SPARK KILLER	XAB-1201	OKAYA	Z100 Z101	2
	D43PA 001390	SPARK KILLER	3CRE-50500	OKAYA	Z61	1
	D02MA 006610	MAGNET CONTACTOR	S-N21CX AC100V 2a2b	MITSUBISHI	KM102	1
	D43PA 001380	SPARK KILLER	XAB-1201	OKAYA	Z102	1
	D04TC 000100	RELAY	LY2 DC24V	OMRON	KA/V 20,32 101,102 103 107,115 190,200	9
	D04TC 001900	SOCKET	PTF08A-E	OMRON		9
	D04TC 001170	HOLDER	PYC-A1	OMRON		9
	D34TA 001540	DIODE	S5277G	TOSHIBA		9
1	D04TC 002400	RELAY	G6D-F4B DC24V	OMRON	A451	1
	D27NM 000270	SSR BOARD	D2N103LG33QB4	NIHON INTER	A13	1
	323426 41220	SSR BOARD COVER		MAZAK	A13	1
	D53TD 004720	TERMINAL BLOCK	PTUL-40x6P	TOYO GIKEN	XT2	1
	D53TD 005330	TERMINAL BLOCK	PTUL-10x50P	TOYO GIKEN	XT3	1
	D43PA 001380	SPARK KILLER	XAB-1201	OKAYA	Z1,6 17,18 32,35 60,66	8
	067716 01050	EARTH BAR	D05-M3-0035 MK2-052A-00 (20x170 t5)	TOHO		1
	D56YC 001580	EARTH MARK	⏚	MAZAK		2
		[CE]				
	D70MB 003370	SAFTY MODULE	AAA9135 6sec	MATSUSHITA	A500	1
	D70MB 003980	SAFTY MODULE	AAA9135 0sec	MATSUSHITA	A501	1
	D70RA 003380	SAFTY RELAY	RF-YM74-SF4	SANPANA	KA500 KA501	2
	D02VE 007430	MAGNET CONTACTOR	CAD32BD(DC24V 3a2b)	TELEMECA	KM501 KM502	2
	D02VE 007440	AUX.CONTACT	LADN40(4a)	TELEMECA		2
	D34TA 001540	DIODE	S5277G	TOSHIBA	V501 V502	2
	D06TC 002020	TIMER	H3DE-M2	OMRON	KT500	1
	D56TH 002000	FERRITE CORE	ZCAT3035-1330	TDK		11
	D71676 03900	DOOR SHEELD CABLE		MAZAK	W090	2
	D99YC 990310	MARK	⏚	MAZAK		5

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

5
4
3
2
1 Edition Jan.15.'09 M.Okajima

YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE CABINET(2)

DRWN NO. 676 007 13121,0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A
		[CABLE]				
	D71676 00011	PC INPUT CABLE	NC(XCS41) <->TU(X01,X02,X03,X04)	MAZAK MAZAK	W001	1
	D71676 00041	PC OUTPUT CABLE	NC(XCS43)<->TU(X06,X08)	MAZAK	W004	1
	D71676 00051	PC OUTPUT CABLE	NC(XCS44)<->TU(X07)	MAZAK	W005	1
	D71676 09060	NC SKIP CABLE	NC(XCS82)<->TU(X09)	MAZAK	W006	1
△4	D71676 09072	NC ANALOG CABLE	NC(XCT50,XCS45) <->STU(X15),TU(X86) HANDLE	MAZAK	W007	1
	D71676 09080	NC RS232C CABLE	NC(XCOM3,4)<->STU(X11)	MAZAK	W008	1
	D71676 09110	NC TFT CABLE	NC(XCM6)<->OP.PANEL(XCP0)	MAZAK	W011	1
	D71676 09121	NC KEY BOARD CABLE	NC(XCM13) <->I/O PANEL(XCP5)	MAZAK	W012	1
	D71676 09131	NC MOUSE CABLE	NC(XCM14) <->OP.PANEL(XCP30)	MAZAK	W013	1
	D71676 00151	NC POWER CABLE	XT4,EARTH<->NC(XT1001)	MAZAK	W015	1
	D71676 00160	NC OP.PANEL POWER CABLE	NC(XT1001),EARTH <->NC OP.PANEL	MAZAK	W016	1
	D71676 09180	NC ATX CABLE	NC(XCM3)<->OP.PANEL(XCP1)	MAZAK	W018	1
	D71676 09190	NC RS232C CABLE	NC(XCOM1) <->OP.PANEL(XCP10)	MAZAK	W019	1
	D71676 00211	NC SERVO CABLE	NC(XCS30)<->X AMP(XCA13)	MAZAK	W021	1
	D71676 00221	NC SERVO CABLE	NC(XCS31)<->Y AMP(XCA23)	MAZAK	W022	1
	D71676 00231	NC SERVO CABLE	NC(XCS32)<->Z AMP(XCA33)	MAZAK	W023	1
	D71676 00251	SERVO POWER CABLE	XT14,EARTH<->X,Y,Z AMP	MAZAK	W025	1
	D71676 00261	SERVO CONTROL CABLE	XT3,Z AMP<->X,Y,Z AMP	MAZAK	W026	1
△5	D71676 00313	CB PANEL CABLE	TU(X81)<->CB PANEL	MAZAK	W031	1
△1	D71676 00322	RELAY CABLE	TU(X82)<->CB PANEL,NC	MAZAK	W032	1
	D71676 00330	SSR BOARD CABLE	TU(X83)<->SSR(XIN11,12)	MAZAK	W033	1
	D71676 00342	CE CIRCUIT CABLE	TU(X84)<->TB PANEL	MAZAK	W034	1
△5	D71676 00353	TB PANEL CABLE	TU(X85)<->TB PANEL	MAZAK	W035	1
	D71676 00361	STU CABLE	TU(X89)<->STU(X19)	MAZAK	W036	1
△4	D71676 00371	OPU CABLE	STU(X29)<->OPU(X291),XT5	MAZAK	W037	1
	D71676 00401	SIGNAL LIGHT CABLE	SSR BOARD<->SIGNAL LIGHT	MAZAK	W040	1
	D71676 00410	DC SUPPLY AC CABLE	XT4,EARTH<->GS1,GS2	MAZAK	W041	1
	D71676 00420	DC SUPPLY DC CABLE	GS1,GS2<->TU(X80)STU(X10)	MAZAK	W042	1
	D71676 09450	NC USB RESET CABLE	NC(XCM19)<->XT5	MAZAK	W045	1
	D71676 09460	NC USB CABLE	NC(XCN7L) <->I/O PANEL(XCU1)	MAZAK	W046	1
	D71676 09470	NC USB CABLE	NC(XCN7U) <->I/O PANEL(XCU2)	MAZAK	W047	1
	D71676 09480	NC USB CABLE	NC(XCN8L) <->I/O PANEL(XCU3)	MAZAK	W048	1
	D71676 00511	PC OUTPUT CABLE	NC(XCT53)<->BRAKET(X61)	MAZAK	W051	1
	D71676 00520	NC OP.PANEL CABLE	TU(X21,22) <->OP.PANEL BRAKET(X24),XT5	MAZAK	W052	1
△4	D71676 00535	SPARE CABLE	TU(X87,88)<->XT5	MAZAK	W053	1
△1	D71676 00980	A150 POWER CABLE	XT6<->A150	MAZAK	W098	1
△1	D71676 00990	A150 SIGNAL CABLE	XT6<->A150	MAZAK	W099	1
△2	D71676 00970	XT100 CABLE	A451,X814<->XT100	MAZAK	W097	1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5	Edition Aug.19.'09 S.Yamasaki		
△4	Edition Jul.08.'09 S.Yamasaki		
△3	Edition Apr.02.'09 M.Okajima		
△2	Edition Jan.15.'09 M.Okajima		
△1	Edition May.29.'08 K.Fukushige		

Mazak
YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
CABINET(3)

DRWN NO. 676 007 13135,0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A
		[OPERATING PANEL]				
	D13FA 001350	SELECT SWITCH	AH165-P2B11	FUJI	SA12,16	2
	D19FA 001960	PUSH BUTTON	AH165-SLW11AA3	FUJI	SB3,4 15	3
	D13FA 001670	HOLE PLUG	AHX622-GY	FUJI		6
		[CABLE]				
	D71676 00170	OP.PANEL CABLE	NC OP.PANEL(XCP63,64) <->OP.PANEL	MAZAK	W017	1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	OPERATING PANEL
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 13170,0

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A B C D E F G H I J K L M N O P

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY								
						A	B	C	D	E	F	G	H	J
		[CB PANEL]												
	D51MA 015051	NO FUSE BREAKER	NF125-CW 3P 75A	MITSUBISHI	QF2	1			1			1		
	D51MA 014531	NO FUSE BREAKER	NF250-CW 3P 125A	MITSUBISHI	QF2		1			1			1	
	D51MA 014541	NO FUSE BREAKER	NF250-CW 3P 175A	MITSUBISHI	QF2			1			1			1
	D51MA 013861	COVER	TCS-1SW3W	MITSUBISHI	QF2	1			1			1		
	D51MA 014551	COVER	TCS-2SW3W	MITSUBISHI	QF2		1	1		1	1		1	1
	D51MA 013911	NO FUSE BREAKER	NF125-CW 3P 60A	MITSUBISHI	QF3	1			1			1		
	D51MA 013851	NO FUSE BREAKER	NF125-CW 3P 100A	MITSUBISHI	QF3		1			1			1	
	D51MA 014531	NO FUSE BREAKER	NF250-CW 3P 125A	MITSUBISHI	QF3			1			1			1
	D51MA 013861	COVER	TCS-1SW3W	MITSUBISHI	QF3	1	1		1	1		1	1	
	D51MA 014551	COVER	TCS-2SW3W	MITSUBISHI	QF3			1			1			1
		[CABLE]												
	D71676 13101	LASER POWER CABLE	CABINET<->LASER (1.5KW)	MAZAK	W110	1								
	D71676 14101	LASER POWER CABLE	CABINET<->LASER (2.5KW)	MAZAK	W110		1							
	D71676 15101	LASER POWER CABLE	CABINET<->LASER (4KW)	MAZAK	W110			1						
	D71677 13101	LASER POWER CABLE	CABINET<->LASER (1.5KW)	MAZAK	W110				1					
	D71677 14101	LASER POWER CABLE	CABINET<->LASER (2.5KW)	MAZAK	W110					1				
	D71677 15101	LASER POWER CABLE	CABINET<->LASER (4KW)	MAZAK	W110						1			
	D71678 13101	LASER POWER CABLE	CABINET<->LASER (1.5KW)	MAZAK	W110							1		
	D71678 14101	LASER POWER CABLE	CABINET<->LASER (2.5KW)	MAZAK	W110								1	
	D71678 15101	LASER POWER CABLE	CABINET<->LASER (4KW)	MAZAK	W110									1
	D71676 10152	CHILLER CABLE	CABINET<->CHILLER (1.5KW)	MAZAK	W115	1			1			1		
	D71676 11153	CHILLER CABLE	CABINET<->CHILLER (2.5KW)	MAZAK	W115		1			1			1	
	D71676 12153	CHILLER CABLE	CABINET<->CHILLER (4KW)	MAZAK	W115			1			1			1
	D71676 90640	YV33 CABLE	XT31<->AUX.DRY AIR SOL	MAZAK	W964			1			1			1
	D71676 90680	YV6 CABLE	XT31<->LENS AUX.AIR SOL	MAZAK	W968			1			1			1
	D71676 90690	YV35 CABLE	XT31<->LASER AUX.AIR SOL	MAZAK	W969			1			1			1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

⑤			
④			
③			
②			
①			

YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE: LASER

DRWN NO. 676 007 13180.0

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A B C D E F G H I J K L M N O P

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY								
						K	L	M	N	P	Q	R	S	T
		[CB PANEL]												
	D51MA 015051	NO FUSE BREAKER	NF125-CW 3P 75A	MITSUBISHI	QF2	1			1			1		
	D51MA 014531	NO FUSE BREAKER	NF250-CW 3P 125A	MITSUBISHI	QF2		1			1			1	
	D51MA 014541	NO FUSE BREAKER	NF250-CW 3P 175A	MITSUBISHI	QF2			1			1			1
	D51MA 013861	COVER	TCS-1SW3W	MITSUBISHI	QF2	1			1			1		
	D51MA 014551	COVER	TCS-2SW3W	MITSUBISHI	QF2		1	1		1	1		1	1
	D51MA 013911	NO FUSE BREAKER	NF125-CW 3P 60A	MITSUBISHI	QF3	1			1			1		
	D51MA 013851	NO FUSE BREAKER	NF125-CW 3P 100A	MITSUBISHI	QF3		1			1			1	
	D51MA 014531	NO FUSE BREAKER	NF250-CW 3P 125A	MITSUBISHI	QF3			1			1			1
	D51MA 013861	COVER	TCS-1SW3W	MITSUBISHI	QF3	1	1		1	1		1	1	
	D51MA 014551	COVER	TCS-2SW3W	MITSUBISHI	QF3			1			1			1
		[CABLE]												
	D71676 13101	LASER POWER CABLE	CABINET<->LASER (1.5KW)	MAZAK	W110	1								
	D71676 14101	LASER POWER CABLE	CABINET<->LASER (2.5KW)	MAZAK	W110		1							
	D71676 15101	LASER POWER CABLE	CABINET<->LASER (4KW)	MAZAK	W110			1						
	D71677 13101	LASER POWER CABLE	CABINET<->LASER (1.5KW)	MAZAK	W110				1					
	D71677 14101	LASER POWER CABLE	CABINET<->LASER (2.5KW)	MAZAK	W110					1				
	D71677 15101	LASER POWER CABLE	CABINET<->LASER (4KW)	MAZAK	W110						1			
	D71678 13101	LASER POWER CABLE	CABINET<->LASER (1.5KW)	MAZAK	W110							1		
	D71678 14101	LASER POWER CABLE	CABINET<->LASER (2.5KW)	MAZAK	W110								1	
	D71678 15101	LASER POWER CABLE	CABINET<->LASER (4KW)	MAZAK	W110									1
	D71676 90640	YV33 CABLE	XT31<->AUX.DRY AIR SOL	MAZAK	W964			1			1			1
	D71676 90680	YV6 CABLE	XT31<->LENS AUX.AIR SOL	MAZAK	W968			1			1			1
	D71676 90690	YV35 CABLE	XT31<->LASER AUX.AIR SOL	MAZAK	W969			1			1			1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	09/01/15	09/01/15	09/01/15	LASER (2)
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 13180,1

YAMAZAKI MAZAK CORPORATION

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PARTS LIST

	PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	B	C						
		D71676 10010	X ENCODER CABLE	CABINET<->X MOTOR	MAZAK	W101	1								
		D71676 10020	X MOTOR CABLE	CABINET<->X MOTOR	MAZAK	W102	1								
		D71676 10030	Y ENCODER CABLE	CABINET<->Y MOTOR	MAZAK	W103	1								
		D71676 10040	Y MOTOR CABLE	CABINET<->Y MOTOR	MAZAK	W104	1								
		D71676 10051	Z ENCODER CABLE	CABINET<->Z MOTOR	MAZAK	W105	1								
		D71676 10060	Z MOTOR CABLE	CABINET<->Z MOTOR	MAZAK	W106	1								
		D71676 10110	LASER SIGNAL CABLE	CABINET<->LASER	MAZAK	W111	1								
		D71676 10200	XT31 DC CABLE	CABINET<->XT31	MAZAK	W120	1								
		D71676 10210	XT31 AC CABLE	CABINET<->XT31	MAZAK	W121	1								
		D71676 10220	XT51 DC CABLE	CABINET<->XT51	MAZAK	W122	1								
	△2	D71676 10242	XT71 DC CABLE	CABINET<->XT71	MAZAK	W124	1								
		D71676 10251	XT71 AC CABLE	CABINET<->XT71	MAZAK	W125	1								
		D71676 11300	CHIP CONVEYER CABLE	CABINET<->CHIP CONVEYER	MAZAK	W130	1								
		D71676 13311	FOOT SW CABLE	CABINET<->FOOT SW	MAZAK	W131	1								
		D71676 10332	WORK LIGHT CABLE	CABINET<->WORK LIGHT	MAZAK	W133	1								
		D71676 13351	SQ25,506 CABLE	CABINET<->SIDE COVER LS	MAZAK	W135	1								
		D71676 20011	SQ1 CABLE	XT31<->X ZERO RETURN LS	MAZAK	W201	1								
		D71676 20021	SQ4 CABLE	XT31<->+X OT LS	MAZAK	W202	1								
		D71676 20031	SQ5 CABLE	XT31<->-X OT LS	MAZAK	W203	1								
		D71676 20040	SQ2 CABLE	XT31<->Y ZERO RETURN LS	MAZAK	W204	1								
		D71676 20050	SQ6 CABLE	XT31<->+Y OT LS	MAZAK	W205	1								
		D71676 20060	SQ7 CABLE	XT31<->-Y OT LS	MAZAK	W206	1								
		D71676 20071	SQ3 CABLE	XT71<->Z ZERO RETURN LS	MAZAK	W207	1								
		D71676 20081	SQ8 CABLE	XT71<->+Z OT LS	MAZAK	W208	1								
		D71676 20091	SQ9 CABLE	XT71<->-Z OT LS	MAZAK	W209	1								
		D71676 20211	YV1 CABLE	XT71<->O2 ASSIST GAS SOL	MAZAK	W221	1								
		D71676 20221	YV2 CABLE	XT71<->AIR ASSIST GAS SOL	MAZAK	W222	1								
		D71676 20231	YV3 CABLE	XT71<->3rd ASSIST GAS SOL	MAZAK	W223	1								
		D71676 20251	YV30 CABLE	XT31<->DRY AIR SOL	MAZAK	W225	1								
		D71676 20261	YV34 CABLE	XT31<->AUX.O2 GAS SOL	MAZAK	W226	1								
		D71676 20270	YV99 CABLE	XT71<->AG EXHAUST SOL	MAZAK	W227	1								
		D71676 20311	YV13 CABLE	XT31<->WC OPEN SOL	MAZAK	W231	1								
		D71676 20321	YV22 CABLE	XT31<->WC CLOSE SOL	MAZAK	W232	1								
		D71676 20331	YV20 CABLE	XT31<->WL UP SOL	MAZAK	W233	1								
		D71676 20341	YV19 CABLE	XT31<->WL DOWN SOL	MAZAK	W234	1								
		D71676 23351	SQ505,515 CABLE	XT31<->FRONT COVER LS	MAZAK	W235	1								
		D71676 20361	YV32 CABLE	XT31<->MIRROR COOLING SOL	MAZAK	W236	1								

STD	48	~~510~~	~~612~~	
CE	1.5KW	2.5KW	4KW	

△5
△4
△3
△2 Edition Apr.02.'09 M.Okajima
△1 Edition May.29.'08 K.Fukushige

YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE: OUTSIDE CABLE (48)

DRWN NO. 676 007 13202.0

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A B C D E F G H I J K L M N O P

PARTS LIST

	PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	B	C						
		D71677 10011	X ENCODER CABLE	CABINET<->X MOTOR	MAZAK	W101		1							
		D71677 10021	X MOTOR CABLE	CABINET<->X MOTOR	MAZAK	W102		1							
		D71677 10031	Y ENCODER CABLE	CABINET<->Y MOTOR	MAZAK	W103		1							
		D71677 10041	Y MOTOR CABLE	CABINET<->Y MOTOR	MAZAK	W104		1							
		D71677 10051	Z ENCODER CABLE	CABINET<->Z MOTOR	MAZAK	W105		1							
		D71677 10061	Z MOTOR CABLE	CABINET<->Z MOTOR	MAZAK	W106		1							
		D71677 10111	LASER SIGNAL CABLE	CABINET<->LASER	MAZAK	W111		1							
		D71677 10201	XT31 DC CABLE	CABINET<->XT31	MAZAK	W120		1							
		D71677 10211	XT31 AC CABLE	CABINET<->XT31	MAZAK	W121		1							
		D71677 10221	XT51 DC CABLE	CABINET<->XT51	MAZAK	W122		1							
	△2	D71677 10243	XT71 DC CABLE	CABINET<->XT71	MAZAK	W124		1							
		D71677 10252	XT71 AC CABLE	CABINET<->XT71	MAZAK	W125		1							
		D71677 11300	CHIP CONVEYER CABLE	CABINET<->CHIP CONVEYER	MAZAK	W130		1							
		D71676 13311	FOOT SW CABLE	CABINET<->FOOT SW	MAZAK	W131		1							
		D71676 10332	WORK LIGHT CABLE	CABINET<->WORK LIGHT	MAZAK	W133		1							
		D71676 13351	SQ25,506 CABLE	CABINET<->SIDE COVER LS	MAZAK	W135		1							
		D71677 20011	SQ1 CABLE	XT31<->X ZERO RETURN LS	MAZAK	W201		1							
		D71677 20021	SQ4 CABLE	XT31<->+X OT LS	MAZAK	W202		1							
		D71677 20031	SQ5 CABLE	XT31<->-X OT LS	MAZAK	W203		1							
		D71677 20040	SQ2 CABLE	XT31<->Y ZERO RETURN LS	MAZAK	W204		1							
		D71677 20050	SQ6 CABLE	XT31<->+Y OT LS	MAZAK	W205		1							
		D71677 20061	SQ7 CABLE	XT31<->-Y OT LS	MAZAK	W206		1							
		D71676 20071	SQ3 CABLE	XT71<->Z ZERO RETURN LS	MAZAK	W207		1							
		D71676 20081	SQ8 CABLE	XT71<->+Z OT LS	MAZAK	W208		1							
		D71676 20091	SQ9 CABLE	XT71<->-Z OT LS	MAZAK	W209		1							
		D71676 20211	YV1 CABLE	XT71<->O2 ASSIST GAS SOL	MAZAK	W221		1							
		D71676 20221	YV2 CABLE	XT71<->AIR ASSIST GAS SOL	MAZAK	W222		1							
		D71676 20231	YV3 CABLE	XT71<->3rd ASSIST GAS SOL	MAZAK	W223		1							
		D71676 20251	YV30 CABLE	XT31<->DRY AIR SOL	MAZAK	W225		1							
		D71676 20261	YV34 CABLE	XT31<->AUX.O2 GAS SOL	MAZAK	W226		1							
		D71676 20270	YV99 CABLE	XT71<->AG EXHAUST SOL	MAZAK	W227		1							
		D71676 20311	YV13 CABLE	XT31<->WC OPEN SOL	MAZAK	W231		1							
		D71676 20321	YV22 CABLE	XT31<->WC CLOSE SOL	MAZAK	W232		1							
		D71676 20331	YV20 CABLE	XT31<->WL UP SOL	MAZAK	W233		1							
		D71676 20341	YV19 CABLE	XT31<->WL DOWN SOL	MAZAK	W234		1							
		D71676 23351	SQ505,515 CABLE	XT31<->FRONT COVER LS	MAZAK	W235		1							
		D71677 20361	YV32 CABLE	XT31<->MIRROR COOLING SOL	MAZAK	W236		1							

STD	~~48~~	510	~~612~~	
CE	1.5KW	2.5KW	4KW	

		APR'D BY	CHK'D BY	DRWN BY	TITLE
△5					
△4					
△3					
△2	Edition Apr.02.'09 M.Okajima	08/03/14	08/03/14	08/03/14	OUTSIDE CABLE (510)
△1	Edition May.29.'08 K.Fukushige	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 13232.0

Mazak YAMAZAKI MAZAK CORPORATION

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PARTS LIST

	PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	B	C
		D71678 10010	X ENCODER CABLE	CABINET<->X MOTOR	MAZAK	W101			1
		D71678 10020	X MOTOR CABLE	CABINET<->X MOTOR	MAZAK	W102			1
		D71678 10031	Y ENCODER CABLE	CABINET<->Y MOTOR	MAZAK	W103			1
		D71678 10040	Y MOTOR CABLE	CABINET<->Y MOTOR	MAZAK	W104			1
		D71678 10050	Z ENCODER CABLE	CABINET<->Z MOTOR	MAZAK	W105			1
		D71678 10060	Z MOTOR CABLE	CABINET<->Z MOTOR	MAZAK	W106			1
		D71678 10110	LASER SIGNAL CABLE	CABINET<->LASER	MAZAK	W111			1
		D71678 10200	XT31 DC CABLE	CABINET<->XT31	MAZAK	W120			1
		D71678 10210	XT31 AC CABLE	CABINET<->XT31	MAZAK	W121			1
		D71678 10220	XT51 DC CABLE	CABINET<->XT51	MAZAK	W122			1
	△2	D71678 10242	XT71 DC CABLE	CABINET<->XT71	MAZAK	W124			1
		D71678 10251	XT71 AC CABLE	CABINET<->XT71	MAZAK	W125			1
		D71678 11301	CHIP CONVEYER CABLE	CABINET<->CHIP CONVEYER	MAZAK	W130			1
		D71676 13311	FOOT SW CABLE	CABINET<->FOOT SW	MAZAK	W131			1
		D71676 10332	WORK LIGHT CABLE	CABINET<->WORK LIGHT	MAZAK	W133			1
		D71676 13351	SQ25,505 CABLE	CABINET<->SIDE COVER LS	MAZAK	W135			1
		D71678 20010	SQ1 CABLE	XT31<->X ZERO RETURN LS	MAZAK	W201			1
		D71678 20020	SQ4 CABLE	XT31<->+X OT LS	MAZAK	W202			1
		D71678 20030	SQ5 CABLE	XT31<->-X OT LS	MAZAK	W203			1
		D71678 20040	SQ2 CABLE	XT31<->Y ZERO RETURN LS	MAZAK	W204			1
		D71678 20050	SQ6 CABLE	XT31<->+Y OT LS	MAZAK	W205			1
		D71678 20060	SQ7 CABLE	XT31<->-Y OT LS	MAZAK	W206			1
		D71676 20071	SQ3 CABLE	XT71<->Z ZERO RETURN LS	MAZAK	W207			1
		D71676 20081	SQ8 CABLE	XT71<->+Z OT LS	MAZAK	W208			1
		D71676 20091	SQ9 CABLE	XT71<->-Z OT LS	MAZAK	W209			1
		D71676 20211	YV1 CABLE	XT71<->O2 ASSIST GAS SOL	MAZAK	W221			1
		D71676 20221	YV2 CABLE	XT71<->AIR ASSIST GAS SOL	MAZAK	W222			1
		D71676 20231	YV3 CABLE	XT71<->3rd ASSIST GAS SOL	MAZAK	W223			1
		D71676 20251	YV30 CABLE	XT31<->DRY AIR SOL	MAZAK	W225			1
		D71676 20261	YV34 CABLE	XT31<->AUX.O2 GAS SOL	MAZAK	W226			1
		D71676 20270	YV99 CABLE	XT71<->AG EXHAUST SOL	MAZAK	W227			1
		D71676 20311	YV13 CABLE	XT31<->WC OPEN SOL	MAZAK	W231			1
		D71676 20321	YV22 CABLE	XT31<->WC CLOSE SOL	MAZAK	W232			1
		D71676 20331	YV20 CABLE	XT31<->WL UP SOL	MAZAK	W233			1
		D71676 20341	YV19 CABLE	XT31<->WL DOWN SOL	MAZAK	W234			1
		D71676 23351	SQ505,515 CABLE	XT31<->FRONT COVERLS	MAZAK	W235			1
		D71678 20360	YV32 CABLE	XT31<->MIRROR COOLING SOL	MAZAK	W236			1

STD	~~48~~	~~510~~	612	
CE	1.5KW	2.5KW	4KW	

△5
△4
△3
△2 Edition Apr.02.'09 M.Okajima
△1 Edition May.29.'08 K.Fukushige

Mazak
YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
OUTSIDE CABLE (612)

DRWN NO. 676 007 13262.0

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A B C D E F G H I J K L M N O P

PARTS LIST

	PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	QUANTITY B
			[XT31]					
		D53TD 004910	TERMINAL BLOCK	PTUL-10x45P	TOYO GIKEN	XT31	2	2
		D64ND 005080	NIPO SHEEL	NPS-1608	NIPPON FLEX		2	2
		466019 00071	EARTH BAR	20x120 t5	MAZAK		1	1
		D56YC 001580	EARTH MARK	⏚	MAZAK		2	2
			[XT51]					
		D53TD 004790	TERMINAL BLOCK	PTUL-10x20P	TOYO GIKEN	XT51	1	
		D53TD 004870	TERMINAL BLOCK	PTUL-10x10P	TOYO GIKEN	XT51		1
		D64ND 005080	NIPO SHEEL	NPS-1608	NIPPON FLEX		2	5
		D56YC 001580	EARTH MARK	⏚	MAZAK		2	2
			[XT71]					
		D53TD 005260	TERMINAL BLOCK	PTUL-10x35P	TOYO GIKEN	XT71	2	2
		D64ND 005080	NIPO SHEEL	NPS-1608	NIPPON FLEX		3	3
		466019 00071	EARTH BAR	20x120 t5	MAZAK		1	1
		D56YC 001580	EARTH MARK	⏚	MAZAK		2	2
△1		D71676 20411	ST10,11,12 CABLE	INSIDE XT71	MAZAK	W241	1	1
		D64ND 005180	NIPO SHEEL	NPS-16-1606-3K	NIPPON FLEX		1	1
		D60ZZ 007970	ZL CONNECTOR	ZLP-02V	NICHIATU	X7110	3	3
		D60ZZ 008140	ZL PIN	SZF-41T-0.7	NICHIATU	X7111 X7112	6	6
		D60ZZ 008090	ZL RETAINER	ZLS-02V	NICHIATU		3	3

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5
△4
△3
△2
△1 Edition Aug.19.'09 S.Yamasaki

Mazak
YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
TERMINAL BOX

DRWN NO. 676 007 13301,0

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A B C D E F G H I J K L M N O P

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY								
						A	B	D	E	F	G	H	J	K
	D51MA 015121	NO FUSE BREAKER	NF250-CW 3P 125A SHT	MITUBISHI	QF1	1						1		
	D51MA 015111	NO FUSE BREAKER	NF250-CW 3P 200A SHT	MITUBISHI	QF1		1						1	
	D51MA 012151	NO FUSE BREAKER	NF400-CW 3P 250A SHT	MITUBISHI	QF1						1			1
	D51MA 013420	OPERATING HANDLE	F2SW	MITUBISHI	QF1	1	1					1	1	
	D51MA 011091	OPERATING HANDLE	F4SW	MITUBISHI	QF1						1			1
	D51MA 009790	PACKING	PFS	MITUBISHI	QF1	1	1					1	1	
	D51MA 006270	PACKING	PFL	MITUBISHI	QF1						1			1
	D51MA 013431	COVER	TCL-2SW3W	MITUBISHI	QF1	1	1					1	1	
	D51MA 011101	COVER	TCL-4SW3	MITUBISHI	QF1						1			1
	D51MA 015161	NO FUSE BREAKER	NF125-SW 3P 75A SHT	MITUBISHI	QF1			1						
	D51MA 013731	NO FUSE BREAKER	NF250-SW 3P 125A SHT	MITUBISHI	QF1				1					
	D51MA 013411	NO FUSE BREAKER	NF250-SW 3P 150A SHT	MITUBISHI	QF1					1				
	D51MA 013450	OPERATING HANDLE	V1SWF	MITUBISHI	QF1			1						
	D51MA 013750	OPERATING HANDLE	V2SWF	MITUBISHI	QF1				1	1				
	D51MA 013461	COVER	TCL-1SW3W	MITUBISHI	QF1			1						
	D51MA 013431	COVER	TCL-2SW3W	MITUBISHI	QF1				1	1				
	D53TD 004730	TERMINAL BLOCK	PTUL-20x2P	TOYO GIKEN	XT13	1	1	1	1	1	1	1	1	1
	067716 01040	EARTH BAR	D05-M3-0035 MK2-051A-00 (20x110 t5)	TOHO								1	1	1
	067716 01000	BRACKET	D05-M3-0035 MK2-031A-02	TOHO								1	1	
	067716 01020	PANEL	D05-M3-0035 MK2-034A-00	TOHO								1	1	
	067716 01010	BRACKET	D05-M3-0035 MK2-032A-01	TOHO										1
	067716 01030	PANEL	D05-M3-0035 MK2-035A-00	TOHO										1
	D56YC 001580	MARK	⏚	MAZAK		1	1	1	1	1	1	1	1	1
	D56YC 000350	MARK	ⓘ (41146091140)	MAZAK		1	1	1	1	1	1	1	1	1
	D56YC 000360	MARK	◎ (41146091150)	MAZAK		1	1	1	1	1	1	1	1	1
	418261 29450	MARK	PE	MAZAK		1	1	1	1	1	1	1	1	1
	435761 32590	MARK	L1	MAZAK		1	1	1	1	1	1	1	1	1
	435761 32600	MARK	L2	MAZAK		1	1	1	1	1	1	1	1	1
	435761 32610	MARK	L3	MAZAK		1	1	1	1	1	1	1	1	1
	423462 92790	MARK	⚠	MAZAK		1	1	1	1	1	1	1	1	1
	D99YC 990310	MARK	⏚	MAZAK				1	1	1				

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

⑤			
④			
③			
②			
①			

YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE: TRANS BOX (1)

DRWN NO. 676 007 13400.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY								
						A	B	D	E	F	G	H	J	K
		[CABLE]												
	D71676 10403	AUX.TRANS CABLE EX	CABINET<->TRANS BOX(1.5)	MAZAK	W140	1								
	D71676 11402	AUX.TRANS CABLE EX	CABINET<->TRANS BOX(2.5)	MAZAK	W140		1							
	D71676 12403	AUX.TRANS CABLE EX	CABINET<->TRANS BOX(4)	MAZAK	W140						1			
	D71676 13404	AUX.TRANS CABLE CE	CABINET<->TRANS BOX(1.5)	MAZAK	W140			1						
	D71676 14403	AUX.TRANS CABLE CE	CABINET<->TRANS BOX(2.5)	MAZAK	W140				1					
	D71676 15403	AUX.TRANS CABLE CE	CABINET<->TRANS BOX(4)	MAZAK	W140					1				
	D71676 10411	AUX.TRANS CABLE EX	QF1<->TM1(1.5)	MAZAK	W141	1								
	D71676 11411	AUX.TRANS CABLE EX	QF1<->TM1(2.5)	MAZAK	W141		1							
	D71676 12440	AUX.TRANS CABLE EX	QF1<->TM1(4)	MAZAK	W141						1			
	D71676 13411	AUX.TRANS CABLE CE	Z10<->TM1(1.5)	MAZAK	W141			1						
	D71676 14411	AUX.TRANS CABLE CE	Z10<->TM1(2.5)	MAZAK	W141				1					
	D71676 15411	AUX.TRANS CABLE CE	Z10<->TM1(4)	MAZAK	W141					1				
	D71676 13423	AUX.TRANS CABLE CE	QF1<->Z10(1.5)	MAZAK	W142			1						
	D71676 14423	AUX.TRANS CABLE CE	QF1<->Z10(2.5)	MAZAK	W142				1					
	D71676 15423	AUX.TRANS CABLE CE	QF1<->Z10(4)	MAZAK	W142					1				
△1	D71676 16411	QF1 CABLE JP	QF1<->XT1(1.5)	MAZAK	W141							1		
△1	D71676 17411	QF1 CABLE JP	QF1<->XT1(2.5)	MAZAK	W141								1	
△1	D71676 18411	QF1 CABLE JP	QF1<->XT1(4)	MAZAK	W141									1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5
△4
△3
△2
△1 Edition Aug.12.'08 M.Okajima

YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
TRANS BOX (2)

DRWN NO. 676 007 13411.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。

PARTS LIST

	PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY								
							L	M	N	P	Q	R	S	T	U
		D51MA 015121	NO FUSE BREAKER	NF250-CW 3P 125A SHT	MITUBISHI	QF0	1								
		D51MA 015111	NO FUSE BREAKER	NF250-CW 3P 200A SHT	MITUBISHI	QF0		1							
		D51MA 012151	NO FUSE BREAKER	NF400-CW 3P 250A SHT	MITUBISHI	QF0			1						
		D51MA 015161	NO FUSE BREAKER	NF125-SW 3P 75A SHT	MITUBISHI	QF0				1					
		D51MA 013731	NO FUSE BREAKER	NF250-SW 3P 125A SHT	MITUBISHI	QF0,QF1					1		1		
		D51MA 013411	NO FUSE BREAKER	NF250-SW 3P 150A SHT	MITUBISHI	QF0						1			
△1		D51MA 013401	NO FUSE BREAKER	NF250-SW 3P 200A SHT	MITUBISHI	QF1								1	
△1		D51MA 012161	NO FUSE BREAKER	NF400-SW 3P 250A SHT	MITUBISHI	QF1									1
		D51MA 013461	COVER	TCL-1SW3W	MITUBISHI	QF0				1					
		D51MA 013431	COVER	TCL-2SW3W	MITUBISHI	QF0,QF1	1	1			1	1	1	1	
		D51MA 011101	COVER	TCL-4SW3	MITUBISHI	QF0,QF1			1						1
		D51MA 013420	OPERATING HANDLE	F2SW	MITUBISHI	QF0	1	1							
		D51MA 011091	OPERATING HANDLE	F4SW	MITUBISHI	QF0			1						
		D51MA 013450	OPERATING HANDLE	V1SWF	MITUBISHI	QF0				1					
		D51MA 013750	OPERATING HANDLE	V2SWF	MITUBISHI	QF0,QF1					1	1	1	1	
△1		D51MA 012171	OPERATING HANDLE	V4SWF	MITUBISHI	QF1									1
		D51MA 009790	PACKING	PFS	MITUBISHI	QF0	1	1							
		D51MA 006270	PACKING	PFL	MITUBISHI	QF0			1						
△1		067716 01040	EARTH BAR	D05-M3-0035 MKP-051A-00	TOHO								1	1	1
△1		067716 01060	BRACKET	D05-M3-0035 MKP-060A-00	TOHO								1	1	
△1		067716 01070	PANEL	D05-M3-0035 MKP-061A-00	TOHO								1	1	
△1		067716 01080	BRACKET	D05-M3-0035 MKP-062A-00	TOHO										1
△1		067716 01090	PANEL	D05-M3-0035 MKP-063A-00	TOHO										1
		D56YC 001580	MARK	⏚	MAZAK		1	1	1	1	1	1	1	1	1
		D56YC 000350	MARK	ⓘ (41146091140)	MAZAK		1	1	1	1	1	1	1	1	1
		D56YC 000360	MARK	◎ (41146091150)	MAZAK		1	1	1	1	1	1	1	1	1
		418261 29450	MARK	PE	MAZAK		1	1	1	1	1	1	1	1	1
		435761 32590	MARK	L1	MAZAK		1	1	1	1	1	1	1	1	1
		435761 32600	MARK	L2	MAZAK		1	1	1	1	1	1	1	1	1
		435761 32610	MARK	L3	MAZAK		1	1	1	1	1	1	1	1	1
		423462 92790	MARK	⚠	MAZAK		1	1	1	1	1	1	1	1	1
		D99YC 990310	MARK	⏚	MAZAK					1	1	1			
			[CABLE]												
		D71676 40400	AUX.TRANS CABLE EX	CABINET<->TRANS BOX(1.5)	MAZAK	W140	1								
		D71676 10411	AUX.TRANS CABLE EX	QF0<->TM1(1.5)	MAZAK	W141	1								
		D71676 41400	AUX.TRANS CABLE EX	CABINET<->TRANS BOX(2.5)	MAZAK	W140		1							
		D71676 11411	AUX.TRANS CABLE EX	QF0<->TM1(2.5)	MAZAK	W141		1							
		D71676 42400	AUX.TRANS CABLE EX	CABINET<->TRANS BOX(4)	MAZAK	W140			1						
		D71676 12440	AUX.TRANS CABLE EX	QF0<->TM1(4)	MAZAK	W141			1						
		D71676 43400	AUX.TRANS CABLE CE	CABINET<->TRANS BOX(1.5)	MAZAK	W140				1					
		D71676 13411	AUX.TRANS CABLE CE	Z10<->TM1(1.5)	MAZAK	W141				1					
		D71676 13423	AUX.TRANS CABLE CE	QF0<->Z10(1.5)	MAZAK	W142				1					
		D71676 44400	AUX.TRANS CABLE CE	CABINET<->TRANS BOX(2.5)	MAZAK	W140					1				
		D71676 14411	AUX.TRANS CABLE CE	Z10<->TM1(2.5)	MAZAK	W141					1				
		D71676 14423	AUX.TRANS CABLE CE	QF0<->Z10(2.5)	MAZAK	W142					1				
		D71676 45400	AUX.TRANS CABLE CE	CABINET<->TRANS BOX(4)	MAZAK	W140						1			
		D71676 15411	AUX.TRANS CABLE CE	Z10<->TM1(4)	MAZAK	W141						1			
		D71676 15423	AUX.TRANS CABLE CE	QF0<->Z10(4)	MAZAK	W142						1			
△1		D71676 16411	QF1 CABLE JP	QF1<->XT1(1.5)	MAZAK	W141							1		
△1		D71676 17411	QF1 CABLE JP	QF1<->XT1(2.5)	MAZAK	W141								1	
△1		D71676 18411	QF1 CABLE JP	QF1<->XT1(4)	MAZAK	W141									1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5
△4
△3
△2
△1 Edition Mar.05.'09 M.Okajima

YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
09/01/15	09/01/15	09/01/15
H Iryoda	M.Okajima	M.Okajima

TITLE: TRANS BOX (3)

DRWN NO. 676 007 13421.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY								
						A	B	C						
		[CABLE]												
	D71676 10152	CHILLER CABLE	CABINET<->CHILLER (1.5KW)	MAZAK	W115	1								
	D71676 11153	CHILLER CABLE	CABINET<->CHILLER (2.5KW)	MAZAK	W115		1							
	D71676 12153	CHILLER CABLE	CABINET<->CHILLER (4KW)	MAZAK	W115			1						

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

APR'D BY	CHK'D BY	DRWN BY
09/01/15	09/01/15	09/01/15
H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: CHILLER

DRWN NO. 676 007 13450.0

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PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	QUANTITY B
	D04TC 000100	RELAY	LY2 DC24V	OMRON	KA106		1
	D04TC 001900	SOCKET	PTF08A-E	OMRON	KA106		1
	D04TC 001170	HOLDER	PYC-A1	OMRON	KA106		1
	D34TA 001540	DIODE	S5277G	TOSHIBA	V106		1
	D43PA 001380	SPARK KILLER	XAB-1201	OKAYA	Z106		1
		[CABLE]					
	D71676 20111	LUBRICATOR CABLE	XT31<->LUBRICATOR	MAZAK	W211	1	

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: LUBRICATOR (OPTION)

DRWN NO. 676 007 13480.0

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A B C D E F G H I J K L M N O P

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY								
						A	B	C	D	E	F			
	D71676 50111	YV23 CABLE	XT71<->AG HIGH SOL	MAZAK	W511	1					1			
	D71676 50121	YV26 CABLE	XT31<->3rd GAS SELECT SOL	MAZAK	W512		1			1	1			
	D71676 50131	YV27 CABLE	XT31<->4th GAS SELECT SOL	MAZAK	W513		1		1					
	D71676 50140	YV89 CABLE	XT71<->O2 GAS EXHAUST SOL	MAZAK	W514			1		1				
	D64ND 005080	NIPO SHEEL	NPS-1608	NIPPON FLEX		1		2		2	1			

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	ASSIST GAS (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 13500.0

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PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	B	C
		[CABLE]						
	D71676 50010	EXHAUST UNIT CABLE	CABINET<->EXHAUST UNIT (COVATRON)	MAZAK	W501	1		2
	D71676 51010	EXHAUST UNIT CABLE	CABINET<->EXHAUST UNIT (SHINTO PXⅢ)	MAZAK	W501		1	

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: EXHAUST UNIT (OPTION)

DRWN NO. 676 007 13520.0

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A B C D E F G H I J K L M N O P

PARTS LIST

	PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY △1 A	B	C	D	E				
		D70YC 004330	NON CONTACT I/F BOARD	OPU-100	NADEX	A14	1				1				
		D13FA 001350	SELECT SWITCH	AH165-P2B11	FUJI	SA1			1						
		D13FA 001350	SELECT SWITCH	AH165-P2B11	FUJI	SA16				1					
		A05GS 003680	SKT.HD.CAP SCR.	M2.6x5	GOSHO		2								
		D71676 50052	NON CONTACT CABLE	XT71<->NON CONTACT AMP (MAZAK TYPE)	MAZAK	W505	1								
		D71676 20400	YV5 CABLE	XT71<->STYLUS UP SOL	MAZAK	W240			1						
△1		D71676 51050	TRACER CABLE	CABINET<-> TRACER AMP(LHC2004)	MAZAK	W505					1				

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5
△4
△3
△2
△1 Edition Jul.08.'09 S.Yamasaki

Mazak
YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
TRACER (OPTION)

DRWN NO. 676 007 13541.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A
	D71676 50152	YV21 CABLE	XT31<->SG UP SOL	MAZAK	W515	1
	D71676 50162	YV31 CABLE	XT31<->SG DOWN SOL	MAZAK	W516	1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: LOADER SENSOR (OPTION)

DRWN NO. 676 007 13600.0

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PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	QUANTITY B
	D04TC 000100	RELAY	LY2 DC24V	OMRON	KA22		1
	D04TC 001900	SOCKET	PTF08A-E	OMRON			1
	D04TC 001170	HOLDER	PYC-A1	OMRON			1
	D34TA 001540	DIODE	S5277G	TOSHIBA	V22		1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	AUTO & ALARM POWER OFF (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 13620.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。

PARTS LIST

	PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	B	C	D
		D13FA 001350	SELECT SWITCH	AH165-P2B11	FUJI	SA39	1			
		D64ND 005080	NIPO SHEEL	NPS-1608	NIPPON FLEX		2			
		D71676 50312	YV90 CABLE	XT71<->LENS CLAMP SOL	MAZAK	W531	1			
		D71676 50322	YV91 CABLE	XT71<->LENS UNCLAMP SOL	MAZAK	W532	1			
		D71676 50331	YV92 CABLE	XT71<->LENS DOWN SOL	MAZAK	W533	1			
△2		D71676 10901	W ENCODER CABLE	CABINET<->W MOTOR	MAZAK	W190		1		
△2		D71676 10921	W MOTOR CABLE	CABINET<->W MOTOR	MAZAK	W192		1		
△2		D71677 10901	W ENCODER CABLE	CABINET<->W MOTOR	MAZAK	W190			1	
△2		D71677 10921	W MOTOR CABLE	CABINET<->W MOTOR	MAZAK	W192			1	
△2		D71678 10901	W ENCODER CABLE	CABINET<->W MOTOR	MAZAK	W190				1
△2		D71678 10921	W MOTOR CABLE	CABINET<->W MOTOR	MAZAK	W192				1
		D71676 01950	NC W AXIS AMP CABLE	NC CABINET<->CABINET	MAZAK	W195		1	1	1
		D71676 70730	YV773 CABLE	XT61<->W AXIS SPRING SOL	MAZAK	W773		1	1	1
		D56TH 002000	FERRITE CORE	ZCAT3035-1330	TDK			3	3	3

△1 △1 △1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5
△4
△3
△2 Edition Jul.09.'09 S.Yamasaki
△1 Edition Jan.15.'08 M.Okajima

YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
PROGRAMMABLE FOCUS (OPTION)

DRWN NO. 676 007 13642.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。

A B C D E F G H I J K L M N O P

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A
	D71676 50251	YV40 CABLE	XT71<->SIDE AIR BLOW SOL	MAZAK	W525	1
	D71676 50262	YV29 CABLE	XT31<->OIL MIST SOL	MAZAK	W526	1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: SIDE BLOW (OPTION)

DRWN NO. 676 007 13680.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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A B C D E F G H I J K L M N O P

01

PARTS LIST

02

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY								
						A	B	C	D	E	F	G	H	J
	D20ZZ 002580	SIGNAL LIGHT	AGD-100-3-RYG	ASAHI	A112	1								
	D60ZZ 008010	ZL CONNECTOR	ZLP-08V		X1012	1								
	D60ZZ 008140	ZL CONNECTOR	SZF-41T-0.7		X1012	5								
	D60ZZ 008070	ZL CONNECTOR	ZLS-08V		X1012	2								

03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

STD	48	510	612	
CE	1.5Kw	2.5Kw	4Kw	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
⑤				
④				
③				
②	08/03/14	08/03/14	08/03/14	THREE SIGNAL LIGHT (OPTION)
①	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 13700.0

Mazak
YAMAZAKI MAZAK CORPORATION

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY								
						A	B	C	D	E	F			
	D51MA 018081	LEAKAGE BREAKER	NV250-CW 3P 125A 500mA TBM AC100V	MITSUBISHI	QF1	1								
	D51MA 016271	LEAKAGE BREAKER	NV250-CW 3P 200A 500mA TBM AC100V	MITSUBISHI	QF1		1							
	D51MA 012321	LEAKAGE BREAKER	NV400-CW 3P 250A 500mA TBM AC100V	MITSUBISHI	QF1			1						
	D51MA 013671	LEAKAGE BREAKER	NV125-SW 3P 75A 500mA TBM AC100V	MITSUBISHI	QF1				1					
	D51MA 015181	LEAKAGE BREAKER	NV250-SW 3P 125A 500mA TBM AC100V	MITSUBISHI	QF1					1				
	D51MA 013621	LEAKAGE BREAKER	NV250-SW 3P 150A 500mA TBM AC100V	MITSUBISHI	QF1						1			

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	LEAKAGE BREAKER (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 13720.0

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PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	QUANTITY B
	D04TC 000100	RELAY	LY2 DC24V	OMRON	KA/V 117,118	2	
	D04TC 001900	SOCKET	PTF08A-E	OMRON		2	
	D04TC 001170	HOLDER	PYC-A1	OMRON		2	
	D34TA 001540	DIODE	S5277G	TOSHIBA		2	
	D43PA 001380	SPARK KILLER	XAB-1201	OKAYA	Z117 Z118	2	
		[CABLE]					
	D71678 10290	XT31 AC CABLE	CABINET<->XT31	YAMAZAKI	W129	1	
	D71676 50170	YV17 CABLE	XT31<->WL CENTER ON SOL	YAMAZAKI	W517	1	
	D71676 50180	YV18 CABLE	XT31<->WL CENTER OFF SOL	YAMAZAKI	W518	1	
	D71676 20331	YV20 CABLE	XT31<->WL UP SOL	YAMAZAKI	W233		1
	D71676 20341	YV19 CABLE	XT31<->WL DOWN SOL	YAMAZAKI	W234		1
	D64ND 005170	NIPO SHEEL	NPS-16-1605-4K	NIPPON FLEX			1

STD	48	510	612	
CE	1.5Kw	2.5Kw	4Kw	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	WORK LIFTER & WORK CLAMP (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 13760.0

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PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	QUANTITY B
	D53TD 004870	TERMINAL BLOCK	PTUL-10x10P	TOYO GIKEN	XT67	1	
	D71676 60730	SQ73,612 CABLE	P.BOX<->LIGHT BARRIER	MAZAK	W673	1	
	D71676 60952	SQ651 CABLE	XT66<->CE LIGHT BARRIER	MAZAK	W695		1
	D71676 60962	SQ652 CABLE	P.BOX<->CE LIGHT BARRIER	MAZAK	W696		1

STD	48	510	612	
CE	1.5Kw	2.5Kw	4Kw	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	LIGHT BARRIER (OPTION)
	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 13780,0

YAMAZAKI MAZAK CORPORATION

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A B C D E F G H I J K L M N O P

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY D	E	F
	D19FA 001960	PUSH BUTTON	AH165-SLW11AA3	FUJI	SB8,9 HL201 HL202	2	2	2
	D03MA 008390	THERMAL	TH-N12CXKP 0.9A	MITSUBISHI	FR202			1
	D03MA 008640	HOLDER	UN-HZ12CX	MITSUBISHI	FR202			1
	D53TD 004610	TERMINAL BLOCK	PTUL-20x6P	TOYOGIKEN	XT202			1
	D43PA 001390	SPARK KILLER	3CRE-50500	OKAYA	Z202			1
	D71678 90360	M201 CABLE	CABINET<->TABLE FAN	MAZAK	W936			1
	D71678 90370	M202 CABLE	CABINET<->TABLE FAN	MAZAK	W937			1
	D71676 90421	FR202 CABLE	XT2,202<->FR202,XT202	MAZAK	W942			1
	D71676 50560	YV9 CABLE	XT31<->S-CV OPEN SOL	MAZAK	W556	1	1	1
	D71676 50570	YV10 CABLE	XT31<->S-CV CLOSE SOL	MAZAK	W557	1	1	1
	D71676 50580	YV11 CABLE	XT31<->S-CV OPEN DEC SOL	MAZAK	W558	1	1	1
	D71676 50590	YV12 CABLE	XT31<->S-CV CLOSE DEC SOL	MAZAK	W559	1	1	1
	D71676 50500	SQ11 CABLE	CV BOX<->S-CV OPEN LS	MAZAK	W550	1		
	D71676 50511	SQ13 CABLE	CV BOX<->S-CV CLOSE 1 LS	MAZAK	W551	1		
	D71676 50531	SQ21 CABLE	CV BOX<->S-CV OPEN DEC LS	MAZAK	W553	1		
	D71676 50540	SQ22 CABLE	CV BOX <->S-CV CLOSE DEC LS	MAZAK	W554	1		
	D71676 50681	SQ500 CABLE	CV BOX<->S-CV CLOSE 2 LS	MAZAK	W568	1		
	D71676 50690	COVER BOX CABLE	XT31<->COVER BOX	MAZAK	W569	1		
	D71677 50500	SQ11 CABLE	CV BOX<->S-CV OPEN LS	MAZAK	W550		1	
	D71677 50511	SQ13 CABLE	CV BOX<->S-CV CLOSE 1 LS	MAZAK	W551		1	
	D71677 50531	SQ21 CABLE	CV BOX<->S-CV OPEN DEC LS	MAZAK	W553		1	
	D71677 50540	SQ22 CABLE	CV BOX <->S-CV CLOSE DEC LS	MAZAK	W554		1	
	D71677 50682	SQ500 CABLE	CV BOX<->S-CV CLOSE 2 LS	MAZAK	W568		1	
	D71677 50690	COVER BOX CABLE	XT31<->COVER BOX	MAZAK	W569		1	
	D71678 50500	SQ11 CABLE	CV BOX<->S-CV OPEN LS	MAZAK	W550			1
	D71678 50510	SQ13 CABLE	CV BOX<->S-CV CLOSE 1 LS	MAZAK	W551			1
	D71678 50530	SQ21 CABLE	CV BOX<->S-CV OPEN DEC LS	MAZAK	W553			1
	D71678 50540	SQ22 CABLE	CV BOX <->S-CV CLOSE DEC LS	MAZAK	W554			1
	D71678 50681	SQ500 CABLE	CV BOX<->S-CV CLOSE 2 LS	MAZAK	W568			1
	D71678 50690	COVER BOX CABLE	XT31<->COVER BOX	MAZAK	W569			1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: ENCLOSURE COVER (1) (OPTION)

DRWN NO. 676 007 13800,0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
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A B C D E F G H I J K L M N O P

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY								
						G	H	J						
	D19FA 001960	PUSH BUTTON	AH165-SLW11AA3	FUJI	SB8,SB9 HL201 HL202	2	2	2						
	D71676 50560	YV9 CABLE	XT31<->S-CV OPEN SOL	MAZAK	W556	1	1	1						
	D71676 50570	YV10 CABLE	XT31<->S-CV CLOSE SOL	MAZAK	W557	1	1	1						
	D71676 50690	COVER BOX CABLE	XT31<->COVER BOX	MAZAK	W569	1								
	D71676 50700	SQ65 CABLE	CV BOX<->P-CV OPEN LS	MAZAK	W570	1								
	D71676 50711	SQ66 CABLE	CV BOX<->P-CV CLOSE LS	MAZAK	W571	1								
	D71676 50722	SQ507 CABLE	CV BOX<->P-CV CLOSE LS	MAZAK	W572	1								
	D71676 50602	SQ55,56,501,502 CABLE	XT31<->FIXED COVER LS	MAZAK	W560	1								
	D71676 50622	SQ57,58,503,504 CABLE	CABINET<->FIXED COVER LS	MAZAK	W562	1								
	D71677 50690	COVER BOX CABLE	XT31<->COVER BOX	MAZAK	W569		1							
	D71677 50701	SQ65 CABLE	CV BOX<->P-CV OPEN LS	MAZAK	W570		1							
	D71677 50711	SQ66 CABLE	CV BOX<->P-CV CLOSE LS	MAZAK	W571		1							
	D71677 50722	SQ507 CABLE	CV BOX<->P-CV CLOSE LS	MAZAK	W572		1							
	D71677 50603	SQ55,56,501,502 CABLE	XT31<->FIXED COVER LS	MAZAK	W560		1							
	D71677 50623	SQ57,58,503,504 CABLE	CABINET<->FIXED COVER LS	MAZAK	W562		1							
	D71678 50690	COVER BOX CABLE	XT31<->COVER BOX	MAZAK	W569			1						
	D71678 50700	SQ65 CABLE	CV BOX<->P-CV OPEN LS	MAZAK	W570			1						
	D71678 50710	SQ66 CABLE	CV BOX<->P-CV CLOSE LS	MAZAK	W571			1						
	D71678 50721	SQ507 CABLE	CV BOX<->P-CV CLOSE LS	MAZAK	W572			1						
	D71678 50600	SQ55,56,501,502 CABLE	XT31<->FIXED COVER LS	MAZAK	W560			1						
	D71678 50620	SQ57,58,503,504 CABLE	CABINET<->FIXED COVER LS	MAZAK	W562			1						

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	ENCLOSURE COVER (2) (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 13810.0

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A B C D E F G H I J K L M N O P

PARTS LIST

	PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	B	C	D	E	F			
		D04TC 002400	RELAY	G6D-F4B DC24V	OMRON	A203,204	2	2	2						
		D04TC 002410	SHORT BAR	G6D-4-SB	OMRON		4	4	4						
		D04TC 000100	RELAY	LY2 DC24V	OMRON	KA729	1	1	1						
		D04TC 001900	SOCKET	PTF08A-E	OMRON		1	1	1						
		D04TC 001170	HOLDER	PYC-A1	OMRON		1	1	1						
		D34NM 001560	DIODE	10DDA40	NIHON INTER		1	1	1						
		D53TC 011120	TERMINAL BLOCK	XW2B-60GA	OMRON	XT11,12	2	2	2						
			[XT52]												
		D53TD 004790	TERMINAL BLOCK	PTUL-10x20P	TOYO GIKEN	XT52	1	1	1						
		D53TD 009930	SHORT BAR	0B7A-10	TOYO GIKEN		1	1	1						
		D43PA 001380	SPARK KILLER	XAB-1201	OKAYA	Z47	1	1	1						
		466019 00071	EARTH BAR	20x120 t5	MAZAK		1	1	1						
		D56YC 001580	EARTH MARK	⏚	MAZAK		1	1	1						
			[XT32]												
		D53TD 004790	TERMINAL BLOCK	PTUL-10x20P	TOYO GIKEN	XT32	1	1	1						
		D53TD 009930	SHORT BAR	0B7A-10	TOYO GIKEN		1	1	1						
	1	D43PA 001380	SPARK KILLER	XAB-1201	OKAYA	Z148,149 Z717,718 Z719,720	6	6	6						
		466019 00071	EARTH BAR	20x120 t5	MAZAK		1	1	1						
		D56YC 001580	EARTH MARK	⏚	MAZAK		1	1	1						
			[CABLE]												
		D71676 00610	XT11 CABLE	NC(XCS41B)<->XT11(X41B)	MAZAK	W061	1	1	1						
		D71676 00620	XT12 CABLE	NC(XCS43B)<->XT12(X43B)	MAZAK	W062	1	1	1						
	1	D71676 00631	A203,A204 CABLE	A203,A204<->XT11,XT12	MAZAK	W063	1	1	1						
	1	D71676 10281	XT32 CABLE	CABINET<->XT32	MAZAK	W128	1	1	1						
		D71676 20690	BFS CABLE	XT52<->BLUE FLAME SENSOR	MAZAK	W269	1	1	1						
		D71676 20730	NOZZLE CLEANER CABLE	XT52<->NOZZLE CLEANER	MAZAK	W273	1	1	1						
	1														
	1														
		D71676 20980	YV148 CABLE	XT32<->TABLE COVER OP SOL	MAZAK	W298	1	1	1						
		D71676 20990	YV149 CABLE	XT32<->TABLE COVER CL SOL	MAZAK	W299	1	1	1						
		D71676 70260	YV717 CABLE	XT32<->NOZZLE CLAMP CL SOL	MAZAK	W726	1	1	1						
		D71676 70270	YV718 CABLE	XT32<->NOZZLE CLAMP OP SOL	MAZAK	W727	1	1	1						
		D71676 70280	YV719 CABLE	XT32<->NOZZLE PIN UP SOL	MAZAK	W728	1	1	1						
		D71676 70290	YV720 CABLE	XT32<->NOZZLE PIN DOWN SOL	MAZAK	W729	1	1	1						
	1	D71676 10231	XT52 CABLE	CABINET<->XT52	MAZAK	W123	1								
	1	D71676 10271	XT52 CABLE	CABINET<->XT52	MAZAK	W127	1								
	1	D71677 10231	XT52 CABLE	CABINET<->XT52	MAZAK	W123		1							
	1	D71677 10271	XT52 CABLE	CABINET<->XT52	MAZAK	W127		1							
	1	D71678 10231	XT52 CABLE	CABINET<->XT52	MAZAK	W123			1						
	1	D71678 10271	XT52 CABLE	CABINET<->XT52	MAZAK	W127			1						
	1	D71676 09701	MPS02 CABLE	CABINET<->MPS02-MA01	MAZAK	W970				1	1	1			
	1	D71676 09721	MPS02 CABLE	MPS02-MA01<->MPS02-PA01	MAZAK	W972				1					
	1	D71677 09721	MPS02 CABLE	MPS02-MA01<->MPS02-PA01	MAZAK	W972					1				
	1	D71678 09721	MPS02 CABLE	MPS02-MA01<->MPS02-PA01	MAZAK	W972						1			

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
5				
4				
3				
2				
1 Edition Aug.19.'09 S.Yamasaki	09/07/09 H Iryoda	09/07/09 M.Okajima	09/07/09 M.Okajima	INTELLIGENT

YAMAZAKI MAZAK CORPORATION

DRWN NO. 676 007 13861,0

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A B C D E F G H I J K L M N O P

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	B	C
		[PALLET BOX]						
	D02MA 006850	MAGNET CONTACTOR	S-N35CX AC100V 2a2b	MITSUBISHI	KM60	1	1	1
	D02MA 006590	MAGNET CONTACTOR	S-N11CX AC100V 1b	MITSUBISHI	KM61	1	1	1
	D43PA 001380	SPARK KILLER	XAB-1201	OKAYA	Z660,661	2	2	2
	D04TC 000100	RELAY	LY2 DC24V	OMRON	KA,V 60 61,62 63,64 601,602 603,604 605,606 607,608	13	13	13
	D04TC 001900	SOCKET	PTF08A-E	OMRON		13	13	13
	D04TC 001170	HOLDER	PYC-A1	OMRON		13	13	13
	D34TA 001540	DIODE	S5277G	TOSHIBA		13	13	13
	D43PA 001380	SPARK KILLER	XAB-1201	OKAYA	Z61,62 63,64 601,602 603,604 605,606 607,608	12	12	12
	D53TD 004720	TERMINAL BLOCK	PTUL-40x6P	TOYO GIKEN	XT60	1	1	1
	D53TD 007780	TERMINAL BLOCK	PTUL-10x55P	TOYO GIKEN	XT61	1	1	1
	D11TQ 000230	DOOR SWITCH	D2D-2000	OMRON	SQ206	1	1	1
	D64ZZ 004980	HOLE PLUG	DP-875	HEICO		3	3	3
	466019 00071	EARTH BAR	20x120 t5	MAZAK		1	1	1
	D56YC 001580	EARTH MARK	⏚	MAZAK		2	2	2
		[CE]						
	D70RA 003380	SAFTY RELAY	RF-YM74-SF4	SANPANA	KA600	1	1	1
	D02VE 006540	MAGNET CONTACTOR	CA3 DN31 BW(DC24V 3a1b)	TELEMECA	KM600 KM601	2	2	2
	D34TA 001540	DIODE	S5277G	TOSHIBA	V600,601	2	2	2
	D06TC 002020	TIMER	H3DE-M2	OMRON	KT600	1	1	1
		[PALLET O.P.PANEL]						
	D15IA 003110	EMERGENCY STOP PB	HW1B-V402-TK1890	IZUMI	SB501	1	1	1
	D19FA 000880	PUSH BUTTON	AH165-TLR11E3	FUJI	SB20	1	1	1
	D19FA 001720	PUSH BUTTON	AH165-TGLG11E3	FUJI	SB21	1	1	1
	D26FA 000600	KEY SELECT SWITCH	AH165-2J2B11C	FUJI	SA5	1	1	1
	D26FA 000760	KEY SELECT SWITCH	AR22JR-2A22A	FUJI	SA608	1	1	1
	D19FA 001350	SELECT SWITCH	AH165-P2B11	FUJI	SA601	1	1	1
	D19FA 001730	PUSH BUTTON	AH165-SLW11E3	FUJI	SB22 602 604,605 606,607	6	6	6
	D21PA 000790	LED	BD-3611R-24	OKAYA	HL22	1	1	1
	D21PA 000800	LED	BD-3612G-24	OKAYA	HL21	1	1	1
	D21PA 000810	LED	BD-3613A-24	OKAYA	HL20 611,612	3	3	3
	D64ZZ 004940	HOLE PLUG	DP-625	HEICO		1	1	1
	D53TD 005000	TERMINAL BLOCK	PTUL-10x10P	TOYO GIKEN	XT66	1	1	1
	D71676 60661	PALLET O.P.CABLE	INSIDE PALLET O.P.PANEL		W666	1	1	1
		[TERMINAL BOX]						
	D53TD 004880	TERMINAL BLOCK	PTUL-10x30P	TOYO GIKEN	XT63	1	1	1
	466019 00071	EARTH BAR	20x120 t5	MAZAK		1	1	1
	D56YC 001580	EARTH MARK	⏚	MAZAK		1	1	1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY
	08/03/14	08/03/14	08/03/14
	H Iryoda	M.Okajima	M.Okajima

YAMAZAKI MAZAK CORPORATION

TITLE: PALLET CHANGER (1) (OPTION)

DRWN NO. 676 007 13900.0

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A B C D E F G H I J K L M N O P

PARTS LIST

	PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	B	C
			[CABLE]						
		D71676 60011	P.BOX POWER CABLE	CABINET<->P.BOX	MAZAK	W601	1		
		D71676 60020	P.BOX DC CABLE	CABINET<->P.BOX(X124)	MAZAK	W602	1		
		D71676 60030	P.BOX DC CABLE	CABINET<->P.BOX(X161)	MAZAK	W603	1		
		D71676 60040	P.BOX DC CABLE	CABINET<->P.BOX(125)	MAZAK	W604	1		
		D71677 60011	P.BOX POWER CABLE	CABINET<->P.BOX	MAZAK	W601		1	
		D71677 60020	P.BOX DC CABLE	CABINET<->P.BOX(X124)	MAZAK	W602		1	
		D71677 60030	P.BOX DC CABLE	CABINET<->P.BOX(X161)	MAZAK	W603		1	
		D71677 60040	P.BOX DC CABLE	CABINET<->P.BOX(125)	MAZAK	W604		1	
		D71678 60010	P.BOX POWER CABLE	CABINET<->P.BOX	MAZAK	W601			1
		D71678 60020	P.BOX DC CABLE	CABINET<->P.BOX(X124)	MAZAK	W602			1
		D71678 60030	P.BOX DC CABLE	CABINET<->P.BOX(X161)	MAZAK	W603			1
		D71678 60040	P.BOX DC CABLE	CABINET<->P.BOX(125)	MAZAK	W604			1
△1		D71676 60104	PALLET BRAKET CABLE	INSIDE BRAKET	MAZAK	W610	1	1	1
		D71676 60111	SVP1 6CN CABLE	BRACKET<->SVP1(X6CN1)	MAZAK	W611	1	1	1
		D71676 60121	SVP2 6CN CABLE	BRACKET<->SVP2(X6CN2)	MAZAK	W612	1	1	1
		D71676 60131	SVP3 6CN CABLE	BRACKET<->SVP3(X6CN3)	MAZAK	W613	1	1	1
		D71676 60141	SVP4 6CN CABLE	BRACKET<->SVP4(X6CN4)	MAZAK	W614	1	1	1
		D71676 60151	SVP5 6CN CABLE	BRACKET<->SVP5(X6CN5)	MAZAK	W615	1	1	1
		D71676 60161	SVP 1CN CABLE	XT61,RY<->SVP1,2,3,4,5	MAZAK	W616	1	1	1
		D71676 60171	SVP POWER CABLE	KM60,61<->SVP1,2,3,4,5	MAZAK	W617	1	1	1
		D71676 60180	SVP CONTROL CABLE	XT60<->SVP1,2,3,4,5	MAZAK	W618	1	1	1
		D71676 63711	PALLET FT CABLE	P.BOX<->PALLET FT	MAZAK	W671	1	1	1
		D71676 60811	YV601 CABLE	XT63<->WC 1 OPEN SOL	MAZAK	W681	1	1	1
		D71676 60821	YV602 CABLE	XT63<->WC 1 COLSE SOL	MAZAK	W682	1	1	1
		D71676 60831	YV603 CABLE	XT63<->WC 2 OPEN SOL	MAZAK	W683	1	1	1
		D71676 60841	YV604 CABLE	XT63<->WC 2 CLOSE SOL	MAZAK	W684	1	1	1
		D71676 60852	YV605 CABLE	XT63<->P-CL 1 CLOSE SOL	MAZAK	W685	1	1	1
		D71676 60862	YV606 CABLE	XT63<->P-CL 1 OPEN SOL	MAZAK	W686	1	1	1
		D71676 60872	YV607 CABLE	XT63<->P-CL 2 CLOSE SOL	MAZAK	W687	1	1	1
		D71676 60882	YV608 CABLE	XT63<->P-CL 2 OPEN SOL	MAZAK	W688	1	1	1
		D71676 60910	SQ601 CABLE	XT63<->PALLET ON 1 LS	MAZAK	W691	1	1	1
		D71676 60920	SQ602 CABLE	XT63<->PALLET ON 2 LS	MAZAK	W692	1	1	1
		D71676 60990	ENCODER JUMPER	PALLET SERVO ENCODER	MAZAK	W699	1	1	1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

△5
△4
△3
△2
△1 Edition Aug.19.'09 S.Yamasaki

YAMAZAKI MAZAK CORPORATION

APR'D BY	CHK'D BY	DRWN BY
08/03/14	08/03/14	08/03/14
H Iryoda	M.Okajima	M.Okajima

TITLE
PALLET CHANGER (2)
(OPTION)

DRWN NO. 676 007 13911.0

This product is subject to all the applicable Japanese Foreign Exchange and Foreign Trade Law.
本品は『外国為替及び外国貿易法』に該当しますので外国に輸出する場合には同法に基づく許可を必要とします。

A B C D E F G H I J K L M N O P

PARTS LIST

PA CA	PARTS No.	PARTS NAME & DATA	CATALOGUE TYPE	SUPPLYER	ITEM	QUANTITY A	B	C
	D71676 60512	U/D1 ENCODER CABLE	P.BOX<->U/D MOTOR 1	MAZAK	W651	1		
	D71676 60523	U/D1 MOTOR CABLE	P.BOX<->U/D MOTOR 1	MAZAK	W652	1		
	D71676 60532	U/D2 ENCODER CABLE	P.BOX<->U/D MOTOR 2	MAZAK	W653	1		
	D71676 60543	U/D2 MOTOR CABLE	P.BOX<->U/D MOTOR 2	MAZAK	W654	1		
	D71676 60552	U/D3 ENCODER CABLE	P.BOX<->U/D MOTOR 3	MAZAK	W655	1		
	D71676 60563	U/D3 MOTOR CABLE	P.BOX<->U/D MOTOR 3	MAZAK	W656	1		
	D71676 60572	U/D4 ENCODER CABLE	P.BOX<->U/D MOTOR 4	MAZAK	W657	1		
	D71676 60583	U/D4 MOTOR CABLE	P.BOX<->U/D MOTOR 4	MAZAK	W658	1		
	D71676 60593	F/R ENCODER CABLE	P.BOX<->F/R MOTOR	MAZAK	W659	1		
	D71676 60602	F/R MOTOR CABLE	P.BOX<->F/R MOTOR	MAZAK	W660	1		
	D71676 60611	XT63 DC CABLE	P.BOX<->XT63	MAZAK	W661	1		
	D71676 60621	XT63 AC CABLE	P.BOX<->XT63	MAZAK	W662	1		
	D71676 60651	PALLET O.P.CABLE	P.BOX<->PALLET O.P.PANEL	MAZAK	W665	1		
	D71677 60512	U/D1 ENCODER CABLE	P.BOX<->U/D MOTOR 1	MAZAK	W651		1	
	D71677 60524	U/D1 MOTOR CABLE	P.BOX<->U/D MOTOR 1	MAZAK	W652		1	
	D71677 60532	U/D2 ENCODER CABLE	P.BOX<->U/D MOTOR 2	MAZAK	W653		1	
	D71677 60544	U/D2 MOTOR CABLE	P.BOX<->U/D MOTOR 2	MAZAK	W654		1	
	D71677 60553	U/D3 ENCODER CABLE	P.BOX<->U/D MOTOR 3	MAZAK	W655		1	
	D71677 60564	U/D3 MOTOR CABLE	P.BOX<->U/D MOTOR 3	MAZAK	W656		1	
	D71677 60572	U/D4 ENCODER CABLE	P.BOX<->U/D MOTOR 4	MAZAK	W657		1	
	D71677 60584	U/D4 MOTOR CABLE	P.BOX<->U/D MOTOR 4	MAZAK	W658		1	
	D71677 60593	F/R ENCODER CABLE	P.BOX<->F/R MOTOR	MAZAK	W659		1	
	D71677 60603	F/R MOTOR CABLE	P.BOX<->F/R MOTOR	MAZAK	W660		1	
	D71677 60611	XT63 DC CABLE	P.BOX<->XT63	MAZAK	W661		1	
	D71677 60621	XT63 AC CABLE	P.BOX<->XT63	MAZAK	W662		1	
	D71677 60651	PALLET O.P.CABLE	P.BOX<->PALLET O.P.PANEL	MAZAK	W665		1	
	D71678 60510	U/D1 ENCODER CABLE	P.BOX<->U/D MOTOR 1	MAZAK	W651			1
	D71678 60520	U/D1 MOTOR CABLE	P.BOX<->U/D MOTOR 1	MAZAK	W652			1
	D71678 60530	U/D2 ENCODER CABLE	P.BOX<->U/D MOTOR 2	MAZAK	W653			1
	D71678 60540	U/D2 MOTOR CABLE	P.BOX<->U/D MOTOR 2	MAZAK	W654			1
	D71678 60550	U/D3 ENCODER CABLE	P.BOX<->U/D MOTOR 3	MAZAK	W655			1
	D71678 60560	U/D3 MOTOR CABLE	P.BOX<->U/D MOTOR 3	MAZAK	W656			1
	D71678 60570	U/D4 ENCODER CABLE	P.BOX<->U/D MOTOR 4	MAZAK	W657			1
	D71678 60580	U/D4 MOTOR CABLE	P.BOX<->U/D MOTOR 4	MAZAK	W658			1
	D71678 60590	F/R ENCODER CABLE	P.BOX<->F/R MOTOR	MAZAK	W659			1
	D71678 60600	F/R MOTOR CABLE	P.BOX<->F/R MOTOR	MAZAK	W660			1
	D71678 60610	XT63 DC CABLE	P.BOX<->XT63	MAZAK	W661			1
	D71678 60620	XT63 AC CABLE	P.BOX<->XT63	MAZAK	W662			1
	D71678 60650	PALLET O.P.CABLE	P.BOX<->PALLET O.P.PANEL	MAZAK	W665			1

STD	48	510	612	
CE	1.5KW	2.5KW	4KW	

	APR'D BY	CHK'D BY	DRWN BY	TITLE
	08/03/14	08/03/14	08/03/14	PALLET CHANGER (3) (OPTION)
YAMAZAKI MAZAK CORPORATION	H Iryoda	M.Okajima	M.Okajima	DRWN NO. 676 007 13920.0

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